

New Zealand - Te Whāriki- Early Years Principles

Early Years Curriculum For Sustainability Complementing the Te Whāriki- Early Years Principles Framework



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Te Whāriki- Early Years Principles- Written in adult speak

Te Whāriki- Early Years Principles.	Empowerment:	Holistic Development:	Family and Community:	Relationships:
	This principle emphasizes fostering children's confidence, self-esteem, and sense of agency in their learning journey. It acknowledges children as active participants in their own learning and decision-making processes. Empowerment encourages educators to create environments where children feel	Holistic development recognizes that children are multidimensional beings whose growth occurs across various interconnected domains, including physical, social, emotional, and cognitive areas. This principle highlights the importance of addressing all aspects of children's	This principle underscores the significance of building strong partnerships between early childhood educators, families, and the broader community. It acknowledges that families are children's first and most influential educators and encourages collaboration and communication	Relationships are at the heart of Te Whāriki. This principle emphasises the importance of nurturing positive and responsive relationships between children, educators, families, and peers. Strong relationships provide the foundation for effective learning and create a sense of belonging, security, and trust within the learning environment. Educators

	capable and supported to explore, experiment, and take risks in their learning.	development to support their overall well-being and readiness for future learning.	between educators and families to support children's learning and development. Community involvement enriches children's learning experiences by connecting them to diverse cultures, traditions, and resources within their local context.	play a vital role in fostering supportive relationships that promote children's emotional well-being, social competence, and sense of belonging.
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Well-being	Belonging	Contribution:	Communication:	.Exploration:
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The well-being strand focuses on promoting children's physical, emotional, and mental health and ensuring they feel safe, secure, and valued within their learning environment. It encompasses aspects such as health, safety, emotional regulation, self-care, and resilience. Supporting children's well-being lays the foundation for their overall development and learning success.	Belonging emphasises the importance of children feeling a sense of connection, acceptance, and inclusion within their family, early childhood setting, and wider community. It highlights the significance of building relationships, creating a sense of identity, and fostering a supportive and nurturing environment where children feel valued, respected, and a sense of belonging. Learning Outcomes	The contribution strand recognizes children as active participants and contributors within their learning community. It encourages children to express their ideas, interests, and perspectives, as well as engage in meaningful interactions, collaborations, and responsibilities. Supporting children's sense of contribution fosters their sense of agency, self-efficacy, and social competence. Learning Outcomes	Communication focuses on supporting children's language development, literacy skills, and ability to express themselves effectively in various forms. It encompasses both verbal and non-verbal communication, as well as listening, speaking, reading, and writing. Effective communication skills are essential for children's social interactions, learning, and future success. Learning Outcomes	Exploration encourages children to inquire, investigate, and explore their environment actively. It involves curiosity, creativity, problem-solving, and critical thinking skills. Through exploration, children develop a deeper understanding of the world around them, engage in hands-on learning experiences, and develop a love for lifelong learning.
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Learning Outcomes -Children experience an environment where their health is promoted and their emotional well-being is nurtured. -Children develop a sense of belonging and feel secure in their early childhood setting. -Children show respect for themselves, others, and the environment. -Children demonstrate self-regulation and the ability to manage their emotions appropriately. -Children develop personal care skills and engage in healthy practices.	Children form positive relationships with others and develop a sense of belonging within their family, community, and wider society. Children demonstrate an understanding of their own culture and heritage, as well as the cultures and perspectives of others. Children show respect for diversity and value different ways of being and belonging. Children participate in rituals, customs, and traditions that are meaningful to	Children actively participate in decision-making processes and contribute their ideas, opinions, and perspectives. Children engage in cooperative and collaborative activities with others, demonstrating empathy, sharing, and cooperation. Children take on roles and responsibilities within their learning environment and contribute to the care and maintenance of shared resources. Children demonstrate a sense of agency and initiative in pursuing their interests and goals. Children develop a sense of pride and	Children use language and communication to express their thoughts, ideas, and feelings effectively. Children engage in meaningful conversations and interactions with others, listening attentively and responding appropriately. Children develop emergent literacy skills, including an understanding of print concepts, phonological awareness, and vocabulary. Children explore a variety of forms of communication, including verbal,	Learning Outcomes Children explore their environment with curiosity and enthusiasm, investigating materials, objects, and phenomena. Children engage in imaginative play and creative expression, using their imagination and creativity to represent ideas and experiences. Children demonstrate curiosity and a willingness to take risks in their learning, experimenting and problem-solving in a variety of contexts. Children develop foundational skills in science, mathematics, and technology, exploring concepts such as patterns,
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	them and their communities. Children develop a sense of social responsibility and contribute to the well-being of their community.	accomplishment in their contributions to their learning community.	nonverbal, and digital modes. Children demonstrate an interest in literacy and a desire to engage with books, stories, and other texts.	measurement, and cause and effect.
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The Sustainability Curriculum Headings

Understanding Sustainability (SUS1)	Environmental Awareness (SUS2)	Environmental Stewardship (SUS3)	Waste Management (SUS4)	Energy Conservation (SUS5)	Biodiversity and Ecosystems (SUS6)
Climate Change and Adaptation (SUS7)	Food and Agriculture (SUS8)	Water Conservation (SUS9)	Sustainable Transport and Urban Planning (SUS10)	Citizenship / Global Responsibility and Sustainable Development (SUS11)	Outdoor Learning and Connection to Nature (SUS12)

Understanding Sustainability (SUS1)	Well-being	Belonging	Contribution :	Communication:	Exploration:
	Understanding Nature's Importance: Recognise and name basic elements of nature such as trees, plants, animals, and water. Understand the importance of nature for our well-being and survival.	Exploring Connections with Nature: Engage in outdoor activities that foster connections with nature, such as gardening, nature walks, or outdoor play. Develop an appreciation for the natural world and its importance for	Developing Awareness of Sustainability: Recognise and name basic concepts related to sustainability, such as "recycling," "plants," "water conservation," and "taking care of animals." Understanding Interconnectedness:	Introduction to Sustainability: Identify and name basic concepts related to sustainability, such as nature, environment, recycling, and conservation. Understand simple explanations of how taking care of the environment helps plants, animals, and	Identifying Natural Materials: Children will explore their environment to identify natural materials such as rocks, soil, leaves, and water. Children will categorise these materials based on their properties (e.g., hard, soft, wet, dry) and discuss how they can be used sustainably.

	Caring for the Environment: Learn to pick up litter and put it in the bin. Understand the importance of recycling and sorting waste. Participate in simple gardening activities like planting seeds or watering plants. Conservation of Resources: Learn to turn off lights when not in use to save electricity. Understand the importance of saving water and how to use it wisely. Respect for Living	well-being. Understanding Interdependence: Learn about the interconnectedness of all living things and how actions impact the environment. Understand that humans are part of nature and depend on it for food, water, and air. Learning about Reduce, Reuse, Recycle and 10Rs Introduce the concept of reduce, reuse, recycle in simple terms appropriate for their age. Participate in activities that promote waste	Understand the connection between actions and their impact on the environment, such as how picking up trash helps keep the environment clean. Participation in Decision-Making: Engage in discussions about sustainability topics, expressing their ideas and opinions about actions that can help the environment, like planting trees or reducing waste. Cooperative and Collaborative Activities: Participate in group activities focused on sustainability,	people. Observation and Exploration: Engage in outdoor activities to observe and explore the natural environment, including plants, animals, and weather patterns. Use senses to observe changes in nature and understand how they relate to sustainability (e.g., noticing changes in seasons). Caring for Nature: Participate in activities that promote caring for nature, such as planting seeds, watering plants, and picking up litter. Identify basic ways to	Understanding Plant Growth: Children will observe and participate in activities related to plant growth, such as planting seeds and caring for plants. Children will learn about the basic needs of plants and how they contribute to the environment by providing oxygen and habitats for animals. Exploring Animal Habitats: Children will investigate different animal habitats, such as ponds, forests, and gardens. Children will learn about the importance of preserving these habitats and how human actions can affect the animals that live there.
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	Beings: Show kindness and empathy towards animals by treating them gently. Understand the importance of not harming insects or animals and allowing them to live freely. Appreciation of Diversity: Learn about different cultures and traditions, celebrating diversity. Understand that everyone is unique and special in their own way. Connecting with Nature: Engage in outdoor	reduction and recycling, such as sorting materials or creating art from recycled materials. Exploring Sustainable Practices: Learn about simple sustainable practices, such as turning off lights when not in use, conserving water, and using reusable items. Understand that these practices help protect the environment and conserve resources. Engaging in Community Sustainability Projects: Participate in	such as sorting recyclables, gardening, or cleaning up a communal space, demonstrating empathy, sharing, and cooperation with peers. Taking on Roles and Responsibilities: Take on age-appropriate roles and responsibilities within the classroom or learning environment related to sustainability, such as feeding classroom pets, watering plants, or helping to sort recycling materials. Demonstrating Agency and Initiative:	reduce waste and conserve resources in everyday activities, such as turning off lights when leaving a room or using reusable containers. Understanding Interconnectedness: Recognise simple cause-and-effect relationships related to sustainability (e.g., understanding that watering plants helps them grow). Begin to understand the interconnectedness of living things in the environment and how human actions can impact nature. Storytelling and Communication: Engage in storytelling	Introducing Simple Machines: Children will be introduced to simple machines such as levers, pulleys, and wheels through hands-on exploration. Children will understand how these machines can help make tasks easier and more efficient, contributing to sustainable practices. Exploring Patterns in Nature: Children will observe and identify patterns in nature, such as the changing seasons, the phases of the moon, or the life cycles of plants and animals. Children will engage in activities that involve creating and extending patterns using natural materials. Learning about Water
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	activities like exploring natural surroundings, playing in the sand, or collecting leaves. Understand the importance of spending time in nature for our health and happiness. Healthy Eating Habits: Identify and name different fruits and vegetables. Learn about the importance of eating a variety of foods for our health. Promotion of Physical Activity: Participate in active play and games that promote physical movement.	community sustainability projects, such as community gardens or recycling drives. Learn about the importance of working together to create positive change in the community. Learning about Food and Agriculture: Explore where food comes from and how it is grown, emphasising sustainable farming practices. Understand the importance of eating locally grown foods and reducing food waste.	Show initiative in suggesting and participating in activities that promote sustainability, such as initiating a project to create a compost bin for food scraps or organising a nature walk to observe local wildlife. Building Pride and Accomplishment: Reflect on and celebrate their contributions to sustainability efforts within the learning community, fostering a sense of pride and accomplishment in their actions, like presenting their recycling project to	activities that introduce simple narratives about sustainability, such as stories about animals in their habitats or characters practising recycling. Use language and communication to express thoughts, ideas, and feelings related to sustainability concepts, such as expressing excitement about planting seeds or concern about littering. Exploration of Materials: Explore different materials and their properties, including natural materials like wood and leaves, and discuss their sustainability and potential for reuse or	Conservation: Children will explore the concept of water conservation through hands-on activities, such as observing the water cycle or experimenting with water-saving techniques. Children will understand the importance of conserving water and how small actions can make a big difference. Introducing Measurement through Nature: Children will engage in activities that involve measuring natural objects and phenomena, such as the length of a leaf or the height of a tree. Children will use non-standard units of measurement (e.g., hands, feet) to develop basic measurement skills
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	Understand the importance of being active for our bodies and minds. Cultivating Gratitude: Express gratitude for the food we eat, the water we drink, and the air we breathe. Understand that we should appreciate and take care of the gifts that nature provides us. Empathy and Cooperation: Learn to work together with classmates to achieve common goals, such as cleaning up the classroom or planting a garden.	Exploring Energy Conservation: Learn about different sources of energy and the importance of conserving energy. Participate in activities that promote energy conservation, such as turning off appliances when not in use or using natural light whenever possible. Understanding the Impact of Choices: Learn about how everyday choices, such as what we eat, how we travel, and what we buy, impact the environment.	classmates or sharing their experiences with planting seeds. Connecting with Nature: Develop a sense of wonder and appreciation for the natural world through hands-on experiences, such as exploring local parks, observing plants and animals, and engaging in outdoor play activities.	recycling. Experiment with recycled materials in creative activities, such as using cardboard boxes to build structures or creating artwork from recycled paper. Community Engagement: Participate in activities that involve the local community, such as visiting community gardens or participating in neighbourhood clean-up events. Interact with peers and adults to discuss sustainability practices and share ideas for caring for the environment. Appreciation of Diversity:	and concepts. Exploring Cause and Effect in Nature: Children will investigate cause-and-effect relationships in nature, such as the effect of sunlight on plant growth or the impact of pollution on the environment. Children will engage in experiments and observations to explore these relationships and develop an understanding of how actions can have consequences. Introducing Renewable Energy Concepts: Children will learn about renewable energy sources such as solar and wind power through age-appropriate activities and discussions. Children will understand
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	Understand the importance of helping each other and cooperating as a team.	Understand the concept of ecological footprint and how to make more sustainable choices. Promoting Outdoor Play and Exploration: Encourage outdoor play and exploration to foster a love for nature and outdoor environments. Understand the importance of spending time outdoors for physical and mental well-being. Fostering a Sense of Responsibility for the Environment: Foster a sense of		Explore and appreciate the diversity of plants, animals, and ecosystems, emphasising the importance of protecting biodiversity for sustainability. Respect and value different perspectives on sustainability, understanding that people may have different ways of caring for the environment based on cultural or personal beliefs. Connection to Indigenous Knowledge: Introduce basic concepts from indigenous perspectives on sustainability, such as	how these sources of energy can help reduce reliance on non-renewable resources and protect the environment. Promoting Technological Solutions for Sustainability: Children will explore simple technological solutions for sustainability, such as composting bins or recycling containers. Children will engage in hands-on activities that involve designing and building simple technological devices or models to address environmental challenges.
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		responsibility for the environment and the well-being of future generations. Understand that everyone has a role to play in protecting the environment and creating a sustainable future.		the importance of living in harmony with nature and traditional practices of conservation. Respectfully engage with local indigenous knowledge holders or elders to learn about traditional sustainability practices and their relevance to contemporary environmental issues. Reflection and Action: Reflect on personal actions and their impact on the environment, discussing ways to make positive changes at home and in the community. Take simple actions to promote sustainability, such as creating homemade bird	
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				feeders or making compost from food scraps, and reflect on the outcomes of these actions.	
Environmental Awareness (SUS2)	Well-being	Belonging	Contribution :	Communication:	Exploration:
	Exploring Nature's Wonders: Engage in outdoor exploration activities to discover the beauty of nature, such as observing plants, insects, and birds. Learn to appreciate and marvel at the wonders of the natural world. Understanding the Importance of	Exploring Nature's Wonders: Engage in outdoor activities that encourage exploration and discovery of the natural world, such as nature walks, bug hunts, or observing plants and animals. Develop an appreciation for the beauty and	Recognizing Environmental Elements: Identify basic elements of the environment, such as trees, plants, water, animals, and air. Understanding Environmental Interactions: Understand simple cause-and-effect relationships	Introduction to the Environment: Identify and name basic elements of the environment, such as trees, water, animals, and weather. Understand simple explanations of how the environment provides resources for living things and supports life. Observation and Exploration:	Observing and Appreciating Nature: Children will explore their natural surroundings with curiosity, observing and appreciating plants, animals, and landscapes. Children will express their awe and wonder for nature through creative activities such as drawing, painting, or storytelling. Understanding the Importance of

	Cleanliness: Learn basic hygiene practices such as washing hands before meals and after using the restroom. Understand the importance of keeping themselves and their environment clean for good health. Caring for Animals and Plants: Develop empathy towards animals and plants by learning to care for them, such as feeding pets or watering plants. Understand that animals and plants need our care and respect to thrive.	diversity of nature. Understanding the Importance of Nature: Learn about the importance of nature for human well-being, including providing clean air, water, and food. Understand that we depend on nature for our survival and happiness. Learning about Plants and Animals: Explore local plants and animals through observation and hands-on activities, such as planting seeds, caring for plants, or creating	related to the environment, like how watering plants helps them grow or how littering harms animals. Participation in Decision-Making: Engage in discussions about the environment, sharing their ideas and opinions on how to care for nature, such as suggesting ways to reduce waste or conserve water. Cooperative and Collaborative Activities: Participate in group activities focused on environmental conservation, such as cleaning up	Engage in outdoor activities to observe and explore the natural environment, including plants, animals, and landscapes. Use senses to observe and describe features of the environment, such as textures, colours, and sounds. Caring for the Environment: Participate in activities that promote caring for the environment, such as picking up litter, watering plants, and recycling materials. Identify basic ways to reduce waste and conserve resources in everyday activities, such as turning off taps when brushing	Environmental Conservation: Children will learn about the importance of protecting the environment and preserving natural resources for future generations. Children will engage in discussions and activities that highlight the connections between human actions and their impact on the environment. Exploring Ecosystems and Biodiversity: Children will investigate different ecosystems, such as forests, oceans, and wetlands, and learn about the diverse range of plants and animals that inhabit them. Children will understand
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	Conservation of Resources: Learn simple ways to conserve resources, such as turning off taps tightly to save water or turning off lights when leaving a room to save electricity. Understand that conserving resources helps protect the environment for future generations. Appreciating the Beauty of Nature: Engage in creative activities inspired by nature, such as painting pictures of trees or making crafts using leaves and flowers.	habitats for insects. Understand the role of plants and animals in ecosystems and the importance of biodiversity. Promoting Conservation Practices: Participate in activities that promote conservation and protection of the environment, such as recycling, reducing waste, or picking up litter. Learn about the importance of caring for the environment for future generations. Engaging in Nature-Based	litter, planting trees or flowers, or creating artwork inspired by nature, while demonstrating empathy, sharing, and cooperation with peers. Taking on Roles and Responsibilities: Take on age-appropriate roles and responsibilities within the classroom or learning environment related to environmental care, such as watering plants, turning off lights when not in use, or sorting recyclables. Demonstrating Agency and	teeth or using reusable containers. Understanding Interconnectedness: Recognize simple relationships within the environment, such as the connection between plants and animals or the impact of weather on the surroundings. Begin to understand how human actions can affect the environment, such as pollution and habitat destruction. Storytelling and Communication: Engage in storytelling activities that introduce simple narratives about the environment, such as stories about animals in their habitats or	the concept of biodiversity and its importance for maintaining healthy ecosystems. Introducing Recycling and Waste Reduction: Children will learn about the importance of recycling and waste reduction for preserving the environment. Children will participate in hands-on activities that involve sorting recyclable materials and learning about the recycling process. Learning about Renewable and Non-Renewable Resources: Children will be introduced to the concepts of renewable and non-renewable
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	Learn to express their love for nature through art and creativity. Learning about Recycling: Understand the concept of recycling and learn to sort waste into different bins for recycling, composting, and landfill. Participate in recycling activities such as making art from recycled materials or creating compost for the garden. Exploring Sustainable Practices: Learn about sustainable practices such as	Play: Encourage outdoor play and exploration in natural settings, such as climbing trees, building forts, or playing in mud kitchens. Develop physical skills, creativity, and a sense of wonder about the natural world. Learning about Seasons and Weather: Explore how seasons and weather affect the environment, such as observing changes in temperature, rainfall, and plant growth throughout the year.	Initiative: Show initiative in exploring and learning about the environment, such as initiating nature walks, asking questions about plants and animals, or expressing interest in environmental conservation activities. Building Pride and Accomplishment: Reflect on and celebrate their contributions to environmental efforts within the learning community, fostering a sense of pride and accomplishment in their actions, like	adventures in nature. Use language and communication to express thoughts, ideas, and feelings related to the environment, such as describing favourite animals or expressing concern about pollution. Exploration of Materials: Explore different materials found in the environment, such as rocks, leaves, and shells, and discuss their properties and uses. Experiment with natural materials in creative activities, such as making art with found objects or building structures with sticks and stones.	resources through age-appropriate activities and discussions. Children will understand the importance of using renewable resources sustainably and reducing reliance on non-renewable ones. Exploring Weather and Seasons: Children will learn about the different seasons and weather patterns, observing changes in the environment throughout the year. Children will engage in activities that explore the effects of weather on plants, animals, and their surroundings. Promoting Water Conservation: Children will learn about
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	using reusable bags instead of plastic bags or choosing products with minimal packaging. Understand how their everyday choices can impact the environment. Connecting with the Seasons: Learn about the different seasons and how they affect nature, such as observing changes in the weather and the behaviour of plants and animals. Understand that nature follows a cycle of change throughout the year. Promoting Outdoor Play: Engage in outdoor	Understand the concept of seasons and how they impact nature and daily life. Exploring Water and its Importance: Learn about the importance of water for life and the environment, including drinking water, oceans, rivers, and lakes. Participate in water-related activities, such as water play, watering plants, or observing water habitats. Understanding the Impact of Human Activities: Learn about how	sharing their experiences from a nature walk or showcasing their artwork inspired by nature. Connecting with Nature: Develop a sense of wonder and connection with the natural world through hands-on experiences, such as exploring different outdoor environments, observing wildlife, and engaging in sensory activities like playing with sand, soil, or water.	Community Engagement: Participate in activities that involve the local community and promote environmental awareness, such as visiting parks, gardens, or nature reserves. Interact with peers and adults to discuss environmental issues and share ideas for taking care of the environment together. Appreciation of Nature's Beauty: Develop an appreciation for the beauty of nature through sensory experiences, such as listening to birdsong, feeling the breeze, or observing flowers blooming.	the importance of conserving water and ways to reduce water usage in their daily lives. Children will participate in activities that demonstrate water-saving techniques, such as turning off taps when not in use or collecting rainwater for gardening. Introducing Simple Environmental Science Concepts: Children will be introduced to basic environmental science concepts such as pollution, habitat destruction, and climate change in age-appropriate ways. Children will engage in activities that promote awareness of these concepts and encourage them to think about ways
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	play activities that promote physical activity and appreciation for nature, such as climbing trees, building sandcastles, or playing in mud kitchens. Understand the importance of spending time outdoors for their well-being. Fostering a Sense of Responsibility: Encourage children to take responsibility for their actions towards the environment, such as picking up litter in the playground or taking care of classroom plants. Understand that	human activities can impact the environment, such as pollution, deforestation, or habitat destruction. Understand the importance of making choices that protect and preserve the environment. Exploring Natural Materials and Resources: Engage in activities that involve natural materials and resources, such as using sticks, leaves, and rocks for crafts or building projects. Develop an appreciation for the		Express wonder and awe at the diversity and magnificence of the natural world through art, music, and storytelling. Connection to Indigenous Knowledge: Introduce basic concepts from indigenous perspectives on the environment, such as the importance of respecting nature and living in harmony with the land. Respectfully engage with local indigenous knowledge holders or elders to learn about traditional environmental practices and their relevance to contemporary conservation efforts.	to address environmental challenges. Encouraging Outdoor Exploration and Inquiry: Children will explore their outdoor environment with curiosity and enthusiasm, asking questions and making observations about the world around them. Children will engage in activities that encourage outdoor play and exploration, fostering a sense of connection with nature. Promoting Sustainable Practices through Technology: Children will explore how technology can be used to promote sustainability, such as through the use
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	they play a role in caring for the environment and making a positive impact.	abundance and diversity of natural resources. Fostering a Sense of Responsibility for the Environment: Foster a sense of responsibility for caring for the environment and protecting nature for future generations. Understand that everyone has a role to play in preserving the environment and creating a sustainable future.		Reflection and Action: Reflect on personal connections to the environment and discuss ways to care for nature in everyday life. Take simple actions to protect and preserve the environment, such as planting seeds, creating habitats for wildlife, or participating in community clean-up activities, and reflect on the impact of these actions.	of energy-efficient appliances or renewable energy sources. Children will engage in age-appropriate technology activities that promote awareness of environmental issues and encourage sustainable practices.
Environmental Stewardship (SUS3)	Well-being	Belonging	Contribution :	Communication:	Exploration:

	Connecting with Nature: Develop a sense of wonder and curiosity about the natural world through sensory experiences like feeling different textures, smelling flowers, and listening to bird songs. Understand that nature is valuable and worth protecting. Caring for Living Things: Learn to care for plants by watering them and observing how they grow. Understand that plants need water, sunlight, and soil to	Exploring Nature's Beauty: Engage in outdoor activities that foster appreciation for the beauty of nature, such as nature walks, flower picking, or cloud watching. Develop a sense of wonder and awe for the natural world. Understanding the Importance of Nature: Learn about the importance of nature for human well-being, including providing clean air, water, and food. Understand that we have a	Understanding the Concept of Environmental Stewardship: Introduce the idea of caring for and protecting the environment for future generations, using age-appropriate language and examples such as taking care of plants, animals, and natural spaces. Participation in Decision-Making for Environmental Conservation: Encourage children to actively participate in discussions about environmental issues, sharing their ideas and	Introduction to Stewardship: Identify and name basic concepts related to environmental stewardship, such as taking care of the Earth, protecting wildlife, and conserving natural resources. Understand simple explanations of how everyone can play a role in taking care of the environment. Observation and Exploration: Engage in outdoor activities to observe and explore the natural environment, including plants, animals, and ecosystems. Use senses to observe and appreciate the beauty and diversity of	Understanding the Importance of Taking Care of the Environment: Children will learn about the concept of environmental stewardship and why it is important to take care of the Earth. Children will engage in discussions and activities that emphasise their role as caretakers of the environment. Exploring Sustainable Practices: Children will explore sustainable practices such as recycling, composting, and conserving energy and water. Children will participate in hands-on activities that demonstrate these
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	thrive. Respecting Wildlife: Learn to observe animals from a distance without disturbing them. Understand that animals have homes and families just like we do, and we should respect their space. Conserving Resources: Learn about the importance of conserving resources like water and electricity by using them wisely. Participate in activities that promote resource conservation, such as turning off lights	responsibility to care for and protect the environment. Learning about Plants and Animals: Explore local plants and animals through observation and hands-on activities, such as planting seeds, caring for plants, or creating habitats for insects. Understand the role of plants and animals in ecosystems and the importance of biodiversity. Promoting Conservation Practices: Participate in	perspectives on how to protect nature, such as suggesting ways to reduce pollution or conserve resources. Engaging in Cooperative and Collaborative Activities for Environmental Preservation: Foster collaboration among children in activities focused on environmental stewardship, such as participating in group clean-up efforts, planting trees or gardens, or creating recycled art projects, while demonstrating empathy, sharing, and cooperation	nature, recognizing the need to protect and preserve it. Caring for the Earth: Participate in activities that promote caring for the Earth, such as planting trees, composting organic waste, and reducing energy consumption. Identify basic ways to reduce environmental impact in everyday activities, such as using reusable bags or turning off lights when leaving a room. Understanding Interconnectedness: Recognize simple relationships within ecosystems, such as the role of bees in pollination or the importance of trees for	practices in action, such as sorting recyclables or turning off lights when not in use. Learning about Local Ecosystems: Children will learn about the ecosystems present in their local environment, such as forests, rivers, or beaches. Children will explore these ecosystems through outdoor activities and learn about the plants and animals that inhabit them. Promoting Biodiversity Awareness: Children will learn about the importance of biodiversity for maintaining healthy ecosystems.
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	when leaving a room or using both sides of a piece of paper for drawing. Reducing Waste: Learn about the concept of reduce, reuse, recycle, and practice reducing waste by using items multiple times or finding creative ways to repurpose materials. Understand that throwing things away has an impact on the environment and we should try to minimise waste. Exploring Sustainable Practices: Learn about sustainable practices such as composting food	activities that promote conservation and protection of the environment, such as recycling, reducing waste, or picking up litter. Learn about the importance of caring for the environment for future generations. Engaging in Nature-Based Play: Encourage outdoor play and exploration in natural settings, such as climbing trees, building forts, or playing in mud kitchens. Develop physical skills, creativity, and a sense of wonder about the	with peers. Taking on Roles and Responsibilities as Environmental Stewards: Assign age-appropriate roles and responsibilities within the learning environment related to environmental care, such as caring for classroom plants, recycling materials, or turning off lights when not in use. Demonstrating Agency and Initiative in Environmental Conservation: Encourage children to take initiative in	clean air. Begin to understand how human actions can affect the balance of nature and the well-being of living things. Storytelling and Communication: Engage in storytelling activities that highlight the importance of environmental stewardship, such as stories about animals helping each other or characters working together to clean up the environment. Use language and communication to express thoughts, ideas, and feelings related to stewardship, such as expressing gratitude for nature or discussing ways to	Children will engage in activities that promote awareness of different plant and animal species and their roles within ecosystems. Encouraging Responsible Consumption: Children will learn about the concept of consumption and its impact on the environment. Children will participate in activities that promote responsible consumption practices, such as reducing waste or choosing environmentally friendly products. Introducing Renewable Energy Sources: Children will learn about renewable energy
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	scraps or using reusable containers instead of single-use plastic. Participate in hands-on activities that demonstrate the benefits of sustainable living. Appreciating the Environment: Develop a sense of gratitude and appreciation for the natural world through activities like nature walks, storytelling about the environment, and creating nature-inspired art. Understand that nature provides us with beauty, resources, and inspiration. Taking Action:	natural world. Learning about Sustainability: Introduce the concept of sustainability in simple terms appropriate for their age, emphasising the importance of using resources wisely and protecting the environment. Understand that small actions can make a big difference in preserving the environment. Exploring Water and its Importance: Learn about the importance of water for life and	identifying environmental issues and proposing solutions, such as suggesting ways to reduce waste or conserve water, and supporting their interests and goals related to environmental stewardship. Building Pride and Accomplishment in Environmental Contributions: Recognize and celebrate children's efforts and contributions to environmental conservation activities, fostering a sense of pride and accomplishment in their role as environmental	protect habitats. Exploration of Materials: Explore different materials used in everyday life and discuss their environmental impact, such as plastic versus reusable containers. Experiment with eco-friendly materials in creative activities, such as using recycled paper for artwork or creating toys from natural materials. Community Engagement: Participate in activities that involve the local community and promote environmental stewardship, such as community clean-up events or visiting	sources such as solar and wind power and their role in reducing greenhouse gas emissions. Children will engage in activities that demonstrate how renewable energy works, such as building simple solar-powered devices. Exploring the Water Cycle: Children will learn about the water cycle and how water is essential for life on Earth. Children will participate in activities that demonstrate the different stages of the water cycle, such as evaporation, condensation, and precipitation. Understanding the Impact of Pollution:
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	Empower children to take small actions to care for the environment, such as picking up litter in the playground or planting trees. Understand that even small actions can make a difference in protecting the planet. Fostering a Sense of Responsibility: Encourage children to take responsibility for their environment by taking care of classroom materials and cleaning up after themselves. Understand that we all have a responsibility to	the environment, including drinking water, oceans, rivers, and lakes. Participate in water-related activities, such as water play, watering plants, or observing water habitats. Understanding the Impact of Human Activities: Learn about how human activities can impact the environment, such as pollution, deforestation, or habitat destruction. Understand the importance of making choices that protect and preserve the environment.	stewards within their learning community. Developing Connections with Nature and Environmental Concepts: Provide opportunities for children to explore and connect with nature firsthand, such as observing plants and animals, engaging in outdoor play, and participating in nature-themed learning experiences to deepen their understanding of environmental concepts.	conservation centres. Interact with peers and adults to discuss environmental issues and share ideas for taking action to protect the environment together. Appreciation of Nature's Gifts: Develop an appreciation for the gifts that nature provides, such as clean air, fresh water, and food. Express gratitude for these gifts through activities such as singing songs about nature or creating artwork inspired by the beauty of the natural world. Connection to Indigenous Knowledge:	Children will learn about different types of pollution, such as air pollution, water pollution, and littering. Children will engage in activities that demonstrate the harmful effects of pollution on the environment and brainstorm ways to reduce pollution in their community. Promoting Nature Conservation: Children will learn about the importance of conserving natural habitats and protecting endangered species. Children will engage in activities that promote nature conservation, such as planting native plants or creating
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	take care of the world we live in. Promoting Collaboration and Cooperation: Encourage teamwork and cooperation in environmental projects, such as working together to create a compost bin or caring for a class garden. Understand that by working together, we can accomplish more and make a bigger impact on the environment.	Exploring Natural Materials and Resources: Engage in activities that involve natural materials and resources, such as using sticks, leaves, and rocks for crafts or building projects. Develop an appreciation for the abundance and diversity of natural resources. Fostering a Sense of Responsibility for the Environment: Foster a sense of responsibility for caring for the environment and protecting nature for future		Introduce basic concepts from indigenous perspectives on environmental stewardship, such as the idea of caring for the land as a responsibility passed down through generations. Respectfully engage with local indigenous knowledge holders or elders to learn about traditional stewardship practices and their relevance to contemporary conservation efforts. Reflection and Action: Reflect on personal connections to the Earth and discuss ways to take action to	habitats for wildlife. Encouraging Environmental Advocacy: Children will learn about the importance of speaking up for the environment and advocating for positive change. Children will engage in activities that empower them to take action, such as writing letters to local leaders or participating in community clean-up events.
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		generations. Understand that everyone has a role to play in preserving the environment and creating a sustainable future.		protect it. Take simple actions to promote environmental stewardship, such as participating in tree planting initiatives, reducing waste, or advocating for conservation efforts, and reflect on the impact of these actions.	
Waste Management (SUS4)	Well-being	Belonging	Contribution :	Communication:	Exploration:
	Understanding Different Types of Waste: Learn to differentiate	Understanding the Importance of Cleanliness: Learn about the importance of	Understanding the Concept of Waste: Introduce the concept of waste	Introduction to Waste: Identify and name basic types of waste, such as paper, plastic,	Understanding Types of Waste: Children will learn about different types of waste, such as recyclables,

	between different types of waste, such as organic waste (food scraps), recyclables (paper, plastics), and non-recyclables (plastic wrappers, broken toys). Understand the importance of sorting waste correctly. Practising Recycling Skills: Engage in activities that promote recycling, such as sorting items into different bins based on their material (e.g., paper, plastic, metal). Understand the concept of recycling and its benefits for the environment.	keeping their surroundings clean and tidy for health and well-being. Understand that managing waste properly helps keep the environment clean and safe. Exploring Different Types of Waste: Learn about different types of waste, such as paper, plastic, food scraps, and recyclables. Understand the importance of sorting waste into different categories for proper disposal or recycling. Promoting Reduce, Reuse,	and its impact on the environment, using simple language and examples that children can relate to, such as discussing what happens to trash after it's thrown away. Participation in Decision-Making for Waste Reduction: Encourage children to actively participate in discussions about waste management, sharing their ideas and perspectives on how to reduce, reuse, and recycle, such as suggesting ways to sort recyclables or minimise	and food scraps. Understand simple explanations of what happens to waste after it is thrown away. Observation and Exploration: Engage in activities to observe and explore waste in their environment, such as sorting items into recycling bins and trash bins. Use senses to observe and describe characteristics of different types of waste, such as colours, textures, and smells. Caring for the Environment: Participate in activities that promote caring for the environment	compostables, and landfill waste. Children will engage in activities that involve sorting and categorising waste materials based on their characteristics. Promoting Recycling Awareness: Children will learn about the importance of recycling for reducing waste and conserving resources. Children will participate in activities that teach them how to identify recyclable materials and sort them into appropriate bins. Exploring Composting: Children will learn about composting and how organic waste can be turned into nutrient-rich
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	Reducing Waste Generation: Learn about the importance of reducing waste by using items multiple times or choosing products with minimal packaging. Participate in activities that promote waste reduction, such as using both sides of a piece of paper for drawing or bringing a reusable water bottle to school. Exploring Composting: Learn about composting and how it turns food scraps into nutrient-rich soil for plants.	Recycle and the 10Rs : Introduce the concept of reduce, reuse, recycle in simple terms appropriate for their age. Participate in activities that promote waste reduction and recycling, such as reusing materials for art projects or recycling paper. Learning about Composting: Learn about composting and how organic waste can be turned into nutrient-rich soil for plants. Participate in composting activities, such as	packaging waste. Engaging in Cooperative and Collaborative Activities for Waste Reduction: Foster collaboration among children in activities focused on waste management, such as sorting recyclables, composting organic materials, or creating crafts from recycled materials, while demonstrating empathy, sharing, and cooperation with peers. Taking on Roles and Responsibilities in Waste Management:	through waste management, such as picking up litter and sorting recyclables. Identify basic ways to reduce waste in everyday activities, such as using reusable containers instead of single-use packaging. Understanding Consequences: Recognise simple consequences of improper waste disposal, such as littering causing harm to animals and pollution in waterways. Begin to understand the importance of proper waste management for protecting the environment and keeping communities	soil for gardening. Children will participate in activities that involve collecting food scraps and other organic materials for composting. Learning about Reducing Waste: Children will learn about the concept of reducing waste by using less and choosing reusable products. Children will engage in activities that promote waste reduction practices, such as using cloth bags instead of plastic ones or reusing containers for snacks. Introducing Simple Waste Management Technology: Children will be introduced to simple
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	Participate in composting activities, such as adding food scraps to a compost bin or observing how compost decomposes over time. Promoting Reuse: Explore creative ways to reuse materials instead of throwing them away, such as using empty cardboard boxes for building or making art from recycled materials. Understand that reusing items helps reduce waste and protect the environment. Taking Responsibility for Waste:	collecting food scraps for composting bins. Understanding the Impact of Litter: Learn about the negative impact of litter on the environment, wildlife, and human health. Understand the importance of disposing of waste properly and not littering. Engaging in Waste Reduction Activities: Participate in activities that reduce waste, such as using reusable containers for snacks, bringing	Assign age-appropriate roles and responsibilities within the learning environment related to waste management, such as emptying recycling bins, composting food scraps, or reminding peers about the importance of reducing waste. Demonstrating Agency and Initiative in Waste Reduction: Encourage children to take initiative in identifying ways to reduce waste and implement solutions, such as suggesting alternatives to	clean. Storytelling and Communication: Engage in storytelling activities that introduce concepts of waste management, such as stories about recycling adventures or characters learning to compost. Use language and communication to express thoughts, ideas, and feelings related to waste, such as expressing concern about litter or excitement about recycling. Exploration of Materials: Explore different materials commonly found in waste, such as paper, cardboard,	waste management technologies, such as recycling machines or compost bins. Children will engage in activities that involve using these technologies to manage waste in their classroom or outdoor environment. Understanding the Environmental Impact of Waste: Children will learn about the environmental consequences of improper waste management, such as pollution and habitat destruction. Children will engage in activities that demonstrate how proper waste management practices can help protect the environment. Promoting Responsible Disposal:
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	Learn to take responsibility for their own waste by cleaning up after themselves and disposing of waste properly. Understand that everyone plays a role in managing waste and keeping the environment clean. Encouraging Conscious Consumption: Learn about making mindful choices when buying products, such as choosing items with less packaging or opting for products made from recycled materials. Understand that our consumption habits	reusable bags for shopping, or choosing products with minimal packaging. Understand that small actions can make a big difference in reducing waste. Exploring Creative Ways to Repurpose Waste: Engage in creative activities that repurpose waste materials, such as making art from recycled materials or creating DIY toys from cardboard boxes. Develop creativity and problem-solving skills while learning about waste	single-use plastics or organising a waste-free lunch day, and supporting their interests and goals related to waste reduction. Building Pride and Accomplishment in Waste Reduction Efforts: Recognise and celebrate children's efforts and contributions to waste reduction activities, fostering a sense of pride and accomplishment in their role as stewards of the environment within their learning community. Developing Understanding of	plastic, and glass, and discuss their properties and potential for recycling. Experiment with recycled materials in creative activities, such as making art from reused materials or building structures with recycled cardboard. Community Engagement: Participate in activities that involve the local community and promote waste management, such as community clean-up events or recycling drives. Interact with peers and adults to discuss waste management practices and share ideas for reducing waste at home and in	Children will learn about the importance of disposing of waste properly to prevent pollution and harm to wildlife. Children will participate in activities that teach them how to dispose of different types of waste safely and responsibly. Exploring Creative Ways to Repurpose Waste: Children will learn about the concept of repurposing waste materials to create new objects or artworks. Children will engage in creative activities that involve using recycled materials to make crafts or inventions. Learning about Waste
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	impact the amount of waste generated. Engaging in Hands-On Activities: Participate in hands-on activities that demonstrate waste management principles, such as sorting recyclables from non-recyclables or creating art from recycled materials. Develop practical skills related to waste management. Promoting Environmental Responsibility: Foster a sense of environmental responsibility by discussing the importance of	reduction. Learning about Landfills and Recycling Facilities: Learn about where waste goes after it is thrown away, such as landfills or recycling facilities. Understand the importance of reducing waste and recycling to minimise the amount of waste sent to landfills. Promoting Community Clean-Up Activities: Participate in community clean-up activities, such as picking up litter in the neighbourhood or	Recycling and Composting: Provide opportunities for children to learn about recycling and composting processes through hands-on experiences, such as sorting recyclables, creating compost bins, and observing the decomposition of organic materials.	the community. Appreciation of Resources: Develop an appreciation for the resources used to create products and the importance of conserving them through responsible waste management. Express gratitude for resources through activities such as singing songs about recycling or creating artwork from recycled materials. Connection to Indigenous Knowledge: Introduce basic concepts from indigenous perspectives on waste management, such as	Reduction in Daily Life: Children will learn about simple ways to reduce waste in their daily lives, such as packing litterless lunches or using both sides of paper for drawing. Children will engage in activities that promote these waste reduction practices and encourage them to adopt them at home and at school. Encouraging Community Involvement in Waste Management: Children will learn about the importance of community involvement in waste management initiatives. Children will participate in activities that involve collaborating with their classmates and teachers to implement waste
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	taking care of the planet and the role waste management plays in environmental protection. Understand that caring for the environment is everyone's responsibility. Celebrating Achievements: Celebrate achievements in waste management, such as reducing the amount of waste produced or successfully composting food scraps. Understand the positive impact of their actions on the environment and feel proud of their	planting trees in public spaces. Understand the importance of working together to keep the community clean and beautiful. Fostering a Sense of Responsibility for Waste Management: Foster a sense of responsibility for managing waste properly and protecting the environment. Understand that everyone has a role to play in reducing waste and keeping the environment clean and healthy.		traditional practices of reusing materials and living in harmony with the land. Respectfully engage with local indigenous knowledge holders or elders to learn about traditional waste management practices and their relevance to contemporary sustainability efforts. Reflection and Action: Reflect on personal actions related to waste management and discuss ways to reduce waste and recycle more effectively. Take simple actions to promote waste management, such as sorting recyclables at home, composting	management practices in their school and local community.
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	contributions.			food scraps, or reusing materials for crafts, and reflect on the impact of these actions.	
Energy Conservation (SUS5)	Well-being	Belonging	Contribution :	Communication:	Exploration:
	Understanding Energy Sources: Introduce basic concepts of energy and different sources of energy, such as sunlight, wind, water, and electricity. Foster curiosity about where energy comes from and how it is used.	Understanding the Importance of Energy: Learn about the importance of energy for everyday activities, such as lighting, heating, and cooking. Understand that using energy wisely helps	Understanding Energy and Its Sources: Introduce the concept of energy and its sources, such as sunlight, electricity, and batteries, using simple language and examples that children can understand. Participation in	Introduction to Energy: Identify and name basic sources of energy, such as sunlight, electricity, and batteries. Understand simple explanations of how energy is used in everyday life and where it comes from. Observation and	Understanding Different Forms of Energy: Children will learn about different forms of energy, such as light, heat, and electricity. Children will engage in activities that demonstrate how these forms of energy are used in their daily lives. Promoting Awareness

	Exploring Energy-saving Habits: Teach children simple energy-saving habits, such as turning off lights when leaving a room, closing doors and windows to retain heat, and unplugging electronic devices when not in use. Encourage practical application of these habits in daily routines. Learning about Renewable Energy: Introduce the concept of renewable energy sources, such as solar panels and	protect the environment and conserve resources. Exploring Different Sources of Energy: Learn about different sources of energy, such as sunlight, wind, water, and electricity. Understand the importance of using renewable energy sources that do not harm the environment. Promoting Simple Energy-Saving Habits: Learn simple energy-saving habits, such as turning off lights when leaving a	Decision-Making for Energy Conservation: Encourage children to actively participate in discussions about energy conservation, sharing their ideas and perspectives on how to save energy, such as turning off lights when leaving a room or using natural sunlight instead of artificial lighting. Engaging in Cooperative and Collaborative Activities for Energy Conservation: Foster collaboration among children in	Exploration: Engage in activities to observe and explore sources of energy in their environment, such as sunlight warming the Earth or lights turning on and off. Use senses to observe and describe characteristics of different forms of energy, such as brightness, warmth, and movement. Caring for the Environment: Participate in activities that promote caring for the environment through energy conservation, such as turning off lights when leaving a room and using natural light	of Energy Sources: Children will learn about different sources of energy, including renewable and non-renewable sources. Children will participate in activities that help them understand the environmental impact of using different energy sources. Learning about Electricity Usage: Children will learn about the concept of electricity and how it is used to power appliances and devices. Children will engage in activities that promote awareness of electricity usage and ways to conserve energy. Exploring Solar
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	wind turbines, and their benefits for the environment. Foster an appreciation for clean and sustainable energy alternatives. Engaging in Hands-on Activities: Provide hands-on activities that demonstrate energy conservation principles, such as using hand-powered flashlights, observing solar-powered toys, or experimenting with simple circuits. Encourage exploration and experimentation to understand how energy works.	room, closing doors and windows to retain heat, or using natural light during the day. Understand that small actions can help save energy and reduce electricity consumption. Learning about Solar Power and Wind Energy: Learn about solar power and wind energy as clean and renewable sources of energy. Participate in activities that demonstrate how sunlight and wind can be used to generate electricity. Engaging in	activities focused on energy conservation, such as turning off unused appliances, closing doors and windows to retain heat, or brainstorming ways to reduce energy consumption in the classroom, while demonstrating empathy, sharing, and cooperation with peers. Taking on Roles and Responsibilities in Energy Conservation: Assign age-appropriate roles and responsibilities within the learning environment related to energy conservation, such as reminding peers	whenever possible. Identify basic ways to save energy in everyday activities, such as closing doors and windows to keep heat inside during cold weather. Understanding Consequences: Recognize simple consequences of energy use, such as wasting electricity leading to higher bills and using fossil fuels contributing to air pollution. Begin to understand the importance of conserving energy for protecting the environment and reducing greenhouse gas emissions. Storytelling and Communication:	Energy: Children will learn about solar energy and how sunlight can be converted into electricity. Children will participate in activities that demonstrate the use of solar power, such as experimenting with solar-powered toys or devices. Understanding Energy Conservation Practices: Children will learn about the importance of conserving energy to reduce greenhouse gas emissions and protect the environment. Children will engage in activities that promote energy conservation practices, such as turning off lights when not in use or using natural light instead of
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	Promoting Outdoor Play and Natural Light: Encourage outdoor play and activities that utilise natural light, such as playing in the sunshine, gardening, or taking nature walks. Foster an appreciation for the natural energy sources around us. Learning about Energy Waste: Teach children about energy waste and its impact on the environment, such as leaving appliances on standby mode or wasting water. Encourage	Nature-Based Energy Activities: Engage in outdoor activities that teach about natural sources of energy, such as using a solar oven to cook snacks or flying a kite to harness wind power. Develop an appreciation for the power of nature to provide energy. Understanding the Impact of Energy Use: Learn about the environmental impact of energy use, such as air pollution and climate change. Understand the importance of reducing energy	to turn off lights or electronics when not in use, or helping to monitor energy usage in the classroom. Demonstrating Agency and Initiative in Energy Saving Practices: Encourage children to take initiative in identifying opportunities to save energy and implementing solutions, such as suggesting ways to use renewable energy sources or organizing a classroom energy-saving challenge, and supporting their interests and goals related to energy conservation.	Engage in storytelling activities that introduce concepts of energy conservation, such as stories about characters learning to turn off lights and appliances when not in use. Use language and communication to express thoughts, ideas, and feelings related to energy conservation, such as expressing excitement about saving energy or concern about wasting resources. Exploration of Energy Sources: Explore different sources of energy used in everyday life, such as wind, water, and solar power, and discuss their benefits	artificial lighting. Introducing Energy-efficient Technology: Children will be introduced to energy-efficient technologies, such as LED light bulbs or energy-efficient appliances. Children will engage in activities that involve using these technologies to conserve energy in their classroom or home environment. Exploring Renewable Energy Sources: Children will learn about renewable energy sources such as wind and water power and their role in reducing reliance on fossil fuels. Children will participate in activities that
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	discussion about ways to reduce energy waste and conserve resources. Exploring Energy-efficient Technology: Introduce age-appropriate technology that promotes energy efficiency, such as energy-saving light bulbs or appliances. Discuss the importance of using technology responsibly and conserving energy. Understanding the Impact of Energy Use: Discuss the environmental and social impacts of energy	consumption to protect the environment and reduce greenhouse gas emissions. Exploring Energy-Efficient Technologies: Learn about energy-efficient technologies, such as LED light bulbs, energy-saving appliances, and insulation. Understand how these technologies help save energy and reduce electricity bills. Promoting Community Energy-Saving Initiatives: Participate in community	Building Pride and Accomplishment in Energy Conservation Efforts: Recognise and celebrate children's efforts and contributions to energy conservation activities, fostering a sense of pride and accomplishment in their role as responsible stewards of energy within their learning community. Developing Understanding of Renewable Energy: Provide opportunities for children to learn	and limitations. Experiment with renewable energy concepts in creative activities, such as building models of solar panels or wind turbines. Community Engagement: Participate in activities that involve the local community and promote energy conservation, such as energy-saving challenges or learning about renewable energy technologies. Interact with peers and adults to discuss energy-saving tips and share ideas for conserving energy at home and in the community. Appreciation of	demonstrate how renewable energy works, such as building simple wind turbines or exploring hydroelectric power. Promoting Energy-saving Habits: Children will learn about simple habits that can help save energy, such as closing doors and windows to keep heat in during cold weather or wearing warm clothing instead of turning up the heat. Children will engage in activities that promote these energy-saving habits and encourage them to practise them at home and at school. Understanding the Benefits of Energy Conservation:
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	consumption, such as air pollution, climate change, and resource depletion. Foster empathy and a sense of responsibility towards the well-being of the planet and future generations. Promoting Energy-conscious Behaviour: Model and encourage energy-conscious behaviour in the kindergarten environment, such as using natural ventilation instead of air conditioning or minimising waste in snack times. Create opportunities for children to take	energy-saving initiatives, such as turning off lights in public buildings, organising carpooling or walking school buses, or planting trees for shade and energy conservation. Understand that working together as a community can make a big difference in saving energy and protecting the environment. Engaging in Hands-On Energy-Saving Activities: Participate in hands-on activities that teach about energy conservation, such as building a	about renewable energy sources, such as solar and wind power, through age-appropriate activities and discussions, fostering an appreciation for sustainable energy practices.	Natural Resources: Develop an appreciation for the natural resources used to generate energy and the importance of using them wisely. Express gratitude for natural resources through activities such as planting trees or creating artwork inspired by renewable energy sources. Connection to Indigenous Knowledge: Introduce basic concepts from indigenous perspectives on energy conservation, such as traditional practices of living in harmony with nature and using resources	Children will learn about the benefits of energy conservation, including saving money on energy bills and reducing air pollution. Children will engage in activities that highlight the positive impact of energy conservation on their community and the environment. Encouraging Community Involvement in Energy Conservation: Children will learn about the importance of community involvement in energy conservation efforts. Children will participate in activities that involve collaborating with their classmates and teachers to implement energy-saving practices in their school and local
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	ownership of energy-saving practices. Fostering a Sense of Responsibility for Energy Conservation: Foster a sense of responsibility for conserving energy and protecting the environment among children. Encourage children to take action to reduce energy consumption and promote sustainability in their daily lives and communities.	model solar-powered house or conducting energy audits of their classroom. Develop problem-solving skills and critical thinking while learning about energy efficiency. Fostering a Sense of Responsibility for Energy Conservation: Foster a sense of responsibility for using energy wisely and conserving resources. Understand that everyone has a role to play in reducing energy consumption and		sustainably. Respectfully engage with local indigenous knowledge holders or elders to learn about traditional energy conservation practices and their relevance to contemporary sustainability efforts. Reflection and Action: Reflect on personal actions related to energy conservation and discuss ways to save energy and use resources more efficiently. Take simple actions to promote energy conservation, such as turning off lights and appliances when not in use, using natural light and ventilation, and choosing energy-efficient	community.
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		protecting the environment for future generations.		products, and reflect on the impact of these actions.	
Biodiversity and Ecosystems (SUS6)	Well-being	Belonging	Contribution :	Communication:	Exploration:
	Exploring Nature's Diversity: Discover and observe different plants, animals, and insects in their natural habitats. Develop an appreciation for the variety of life forms in the environment. Understanding Ecosystems: Learn about the concept of ecosystems and	Exploring Nature's Diversity: Engage in outdoor activities that introduce the concept of biodiversity, such as exploring different plants, animals, and habitats in their environment. Develop an appreciation for the variety of life forms and ecosystems.	Exploring Nature and Living Organisms: Engage children in exploratory activities to observe and interact with various plants, animals, and insects in their natural environment, fostering an appreciation for the diversity of life. Introduction to Ecosystems:	Introduction to Biodiversity: Identify and name basic elements of biodiversity, such as plants, animals, and insects. Understand simple explanations of how living things depend on each other in ecosystems. Observation and Exploration: Engage in outdoor activities to observe	Exploring the Diversity of Life: Children will learn about the variety of living organisms in their environment, including plants, animals, insects, and microorganisms. Children will engage in activities that promote observation and identification of different species, fostering an appreciation for biodiversity. Learning about Habitats and Ecosystems:

	how living things depend on each other and their environment for survival. Understand that every living thing has a role to play in maintaining balance in ecosystems. Appreciating the Interconnectedness of Nature: Explore the connections between plants, animals, and their habitats through storytelling, role-playing, and hands-on activities. Understand that changes in one part of an ecosystem can affect other parts. Caring for	Learning about Plants and Animals: Learn about common plants and animals found in their local ecosystem through observation, storytelling, and hands-on activities. Understand the importance of plants and animals for the health of ecosystems. Understanding Interconnections in Nature: Learn about the interconnectedness of living things in ecosystems, such as the relationships between plants, animals, and their	Introduce the concept of ecosystems as communities of living organisms interacting with each other and their environment, using simple language and examples such as forests, oceans, and gardens. Participation in Decision-Making for Ecosystem Conservation: Encourage children to actively participate in discussions about the importance of biodiversity and ecosystems, sharing their ideas and perspectives on how to protect and preserve them,	and explore local ecosystems, such as gardens, parks, or nearby natural areas. Use senses to observe and describe characteristics of different plants and animals, such as colours, shapes, and sounds. Caring for Nature: Participate in activities that promote caring for nature and biodiversity, such as planting flowers to attract pollinators or creating habitats for insects. Identify basic ways to support biodiversity in everyday life, such as avoiding littering and respecting natural habitats. Understanding	Children will learn about different habitats such as forests, grasslands, rivers, and oceans, and the living and nonliving components that make up ecosystems. Children will engage in activities that explore the characteristics of different habitats and the relationships between organisms and their environment. Understanding the Interconnectedness of Life: Children will learn about food webs and the interconnected relationships between plants, animals, and other organisms in ecosystems. Children will engage in activities that illustrate
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	Habitats: Learn about the importance of preserving natural habitats for wildlife and plants. Participate in activities that promote habitat conservation, such as planting native plants or creating habitats for insects and birds. Identifying Plants and Animals: Learn to identify common plants and animals in their local environment. Understand the unique characteristics and habitats of different species. Promoting	environments. Understand that changes in one part of an ecosystem can affect other parts. Exploring Habitats and Microenvironments: Explore different habitats and microenvironments, such as forests, rivers, ponds, and gardens, to observe the variety of plants and animals that live there. Understand how different organisms are adapted to their specific habitats. Promoting Nature Conservation:	such as suggesting ways to care for plants and animals or conserve natural habitats. Engaging in Cooperative and Collaborative Activities for Ecosystem Preservation: Foster collaboration among children in activities focused on ecosystem conservation, such as planting native species, creating habitats for wildlife, or participating in nature clean-up efforts, while demonstrating empathy, sharing, and cooperation with peers. Taking on Roles and	Interconnectedness: Recognize simple relationships within ecosystems, such as the role of bees in pollination or the importance of trees for providing oxygen. Begin to understand how changes in one part of an ecosystem can affect other parts, such as habitat loss impacting animal populations. Storytelling and Communication: Engage in storytelling activities that introduce concepts of biodiversity and ecosystems, such as stories about animals living in different habitats or characters exploring nature.	how changes in one part of an ecosystem can affect other organisms within the same habitat. Promoting Awareness of Endangered Species: Children will learn about endangered species and the importance of protecting biodiversity. Children will engage in activities that highlight the plight of endangered species and discuss ways to help conserve them and their habitats. Exploring Adaptations for Survival: Children will learn about different adaptations that plants and animals have developed to survive in their habitats. Children will engage in
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	Biodiversity: Learn about the importance of biodiversity for the health of ecosystems and human well-being. Participate in activities that support biodiversity, such as planting flowers to attract pollinators or creating habitats for wildlife. Respecting Wildlife: Develop empathy and respect for wildlife by learning to observe and appreciate them from a distance. Understand the importance of not disturbing animals in their natural	Learn about the importance of conserving biodiversity and protecting natural habitats. Participate in activities that promote nature conservation, such as planting native plants, creating wildlife habitats, or cleaning up litter in natural areas. Engaging in Nature-Based Play and Exploration: Encourage outdoor play and exploration in natural environments to foster a connection with nature and ecosystems.	Responsibilities in Ecosystem Care: Assign age-appropriate roles and responsibilities within the learning environment related to ecosystem care, such as watering plants, feeding birds, or caring for a classroom pet, to instill a sense of stewardship and responsibility. Demonstrating Agency and Initiative in Ecosystem Protection: Encourage children to take initiative in exploring and learning about local ecosystems,	Use language and communication to express thoughts, ideas, and feelings related to biodiversity, such as expressing excitement about discovering new plants or concern about endangered animals. Exploration of Habitats: Explore different habitats and ecosystems, such as forests, rivers, and oceans, and discuss the plants and animals that live there. Experiment with creating miniature habitats in the classroom, such as terrariums or small ponds, to observe and learn about biodiversity up close.	activities that involve observing and discussing adaptations such as camouflage, mimicry, and specialised body structures. Learning about Life Cycles in Nature: Children will learn about life cycles of plants and animals, including stages such as birth, growth, reproduction, and death. Children will engage in activities that involve observing and discussing life cycles of familiar organisms in their environment. Understanding the Importance of Pollinators: Children will learn about the role of pollinators such as bees, butterflies, and birds in ecosystems
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	habitats. Learning about Seasons and Changes: Explore how seasons affect plants, animals, and ecosystems, such as observing changes in weather, plant growth, and animal behaviour throughout the year. Understand that nature follows a cycle of change. Engaging in Nature-Based Play: Participate in outdoor play activities that promote interaction with nature, such as building forts with sticks, exploring natural materials, or	Develop physical skills, creativity, and curiosity while exploring the natural world. Learning about Food Chains and Ecosystem Services: Learn about food chains and webs in ecosystems and the roles of different organisms in maintaining balance. Understand the concept of ecosystem services and how they benefit humans and other living things. Exploring Seasonal Changes in Nature:	suggesting activities to help protect them, such as setting up a bird feeder or starting a butterfly garden, and supporting their interests and goals related to ecosystem preservation. Building Pride and Accomplishment in Ecosystem Conservation Efforts: Recognize and celebrate children's efforts and contributions to ecosystem conservation activities, fostering a sense of pride and accomplishment in their role as caretakers of nature within their	Community Engagement: Participate in activities that involve the local community and promote biodiversity conservation, such as community garden projects or wildlife habitat restoration efforts. Interact with peers and adults to discuss the importance of biodiversity and share ideas for protecting and preserving local ecosystems. Appreciation of Nature's Beauty: Develop an appreciation for the beauty and diversity of nature through sensory experiences, such as listening to bird songs or watching butterflies.	and food production. Children will engage in activities that highlight the importance of pollinators for plant reproduction and biodiversity. Promoting Conservation and Stewardship: Children will learn about the importance of conservation and responsible stewardship of natural resources and ecosystems. Children will engage in activities that promote awareness of human impact on the environment and discuss ways to protect and restore ecosystems. Introducing Simple Technology for Nature Exploration:
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	playing in mud kitchens. Develop a sense of connection and belonging to the natural world. Encouraging Curiosity and Wonder: Foster curiosity and wonder about the natural world through storytelling, nature walks, and exploration. Encourage asking questions and seeking answers about the plants, animals, and ecosystems around them.	Observe and learn about seasonal changes in nature, such as changes in plant growth, animal behaviour, and weather patterns. Understand how seasonal changes affect ecosystems and the organisms that live in them. Participating in Nature-Based Art and Storytelling: Engage in creative activities that express appreciation for nature and biodiversity, such as nature art projects, storytelling about animals and plants, or creating habitats for toy	learning community. Developing Understanding of Interconnectedness: Provide opportunities for children to learn about the interconnectedness of living organisms within ecosystems through hands-on experiences and observations, fostering an understanding of the delicate balance of nature	Express wonder and awe at the wonders of biodiversity through art, music, and storytelling activities. Connection to Indigenous Knowledge: Introduce basic concepts from indigenous perspectives on biodiversity and ecosystems, such as the idea of living in harmony with nature and respecting all living things. Respectfully engage with local indigenous knowledge holders or elders to learn about traditional ecological knowledge and its relevance to contemporary	Children will be introduced to simple technology tools such as magnifying glasses, binoculars, or digital cameras for exploring nature. Children will engage in activities that involve using technology to observe, record, and document their outdoor discoveries. Encouraging Environmental Advocacy and Action: Children will learn about the importance of advocating for the environment and taking action to protect nature. Children will engage in activities that empower them to speak up for the environment, such as participating in
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		animals. Develop creativity and communication skills while learning about the natural world. Fostering a Sense of Responsibility for Ecosystems: Foster a sense of responsibility for caring for ecosystems and the living things that depend on them. Understand that everyone has a role to play in protecting biodiversity and preserving ecosystems for future generations.		conservation efforts. Reflection and Action: Reflect on personal connections to nature and discuss ways to take action to support biodiversity and ecosystems. Take simple actions to promote biodiversity, such as planting native plants, creating wildlife-friendly spaces, or participating in citizen science projects, and reflect on the impact of these actions.	community clean-up events, planting native species, or creating signs to raise awareness about biodiversity conservation.
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Climate Change and Adaptation (SUS7)	Well-being	Belonging	Contribution :	Communication:	Exploration:
	Understanding Weather and Seasons: Learn about different types of weather, such as sunny days, rainy days, and windy days. Understand how seasons change throughout the year and the impact on the environment. Exploring Changes in Nature: Observe and discuss changes in nature, such as changes in temperature, rainfall, or the	Understanding Weather and Seasons: Learn about different types of weather and seasonal changes, such as rain, sunshine, wind, and temperature variations. Understand that weather patterns can change over time and affect the environment. Exploring Changes in Nature: Observe and discuss changes in nature, such as	Introduction to Climate and Weather: Introduce basic concepts of climate and weather, using simple language and examples such as sunshine, rain, and seasons, to lay the foundation for understanding climate change. Exploring Changes in the Environment: Engage children in observations and discussions about changes in their environment, such as changes in	Introduction to Climate Change: Identify and name basic concepts related to climate change, such as weather, seasons, and changes in temperature. Understand simple explanations of how the Earth's climate is changing and why it's important to take care of the environment. Observation and Exploration: Engage in activities to observe and explore changes in weather and seasons, such as noticing differences in	Understanding Weather and Climate: Children will learn about the difference between weather and climate, and how climate affects the environment over long periods. Children will engage in activities that introduce basic concepts of weather patterns and climate changes. Exploring the Seasons and Changes in Nature: Children will explore how climate change affects seasonal changes in their environment, such as changes in temperature

	behaviour of plants and animals. Understand that changes in the environment can affect living things. Learning about Climate Change: Introduce the concept of climate change in simple terms, such as explaining that the Earth is getting warmer and why it's happening. Understand that human activities can contribute to climate change and its effects on the planet. Discovering Adaptations in Nature: Explore how plants	melting snow, blooming flowers, or changing leaf colours, and how they relate to seasonal changes and climate. Understand that climate change can impact plants, animals, and ecosystems. Learning about Greenhouse Gases: Introduce the concept of greenhouse gases and their role in causing climate change. Understand that human activities, such as burning fossil fuels and deforestation, can increase greenhouse gas	temperature, rainfall, or the behaviour of plants and animals, to begin understanding the concept of climate change. Participation in Decision-Making for Climate Adaptation: Encourage children to actively participate in discussions about climate change and adaptation, sharing their ideas and perspectives on how to respond to changes in the environment, such as suggesting ways to conserve water or reduce waste. Engaging in Cooperative and Collaborative	temperature or rainfall. Use senses to observe and describe how weather patterns affect daily life, such as wearing warm clothes in winter or using sunscreen in summer. Caring for the Environment: Participate in activities that promote caring for the environment and reducing carbon footprint, such as planting trees to absorb carbon dioxide or using reusable items to reduce waste. Identify basic ways to adapt to climate change in everyday life, such as conserving water during droughts or	and rainfall patterns. Children will engage in activities that highlight the impacts of climate change on plants, animals, and habitats. Learning about Natural Disasters and Extreme Weather Events: Children will learn about natural disasters such as floods, storms, and wildfires, and how they are linked to climate change. Children will engage in activities that promote awareness of safety measures and preparedness for extreme weather events. Understanding the Role of Humans in Climate Change: Children will learn about
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	and animals adapt to changes in their environment, such as growing thicker fur in colder climates or developing long roots to reach water. Understand that adaptation helps living things survive in different conditions. Promoting Conservation Practices: Learn about simple actions to help reduce climate change, such as saving energy by turning off lights and using less water. Participate in activities that promote conservation, such as planting trees or	emissions. Understanding the Importance of Trees and Plants: Learn about the role of trees and plants in mitigating climate change by absorbing carbon dioxide and providing oxygen. Participate in activities that promote planting trees and caring for plants in their environment. Exploring Sustainable Practices: Learn about sustainable practices that help reduce carbon emissions and mitigate climate change, such as	Activities for Climate Resilience: Foster collaboration among children in activities focused on climate resilience, such as planting drought-resistant plants, creating shaded areas for outdoor play, or brainstorming ways to reduce energy consumption, while demonstrating empathy, sharing, and cooperation with peers. Taking on Roles and Responsibilities in Climate Adaptation: Assign age-appropriate	using energy-efficient appliances. Understanding Adaptations: Recognise simple adaptations that plants and animals have to survive in different climates, such as thick fur for cold weather or long roots for dry soil. Begin to understand how humans can adapt to climate change by changing behaviours and using resources more sustainably. Storytelling and Communication: Engage in storytelling activities that introduce concepts of climate change and adaptations, such as	human activities that contribute to climate change, such as burning fossil fuels and deforestation. Children will engage in activities that encourage them to reflect on their own actions and how they can contribute to mitigating climate change. Promoting Conservation and Sustainability Practices: Children will learn about conservation and sustainability practices that can help mitigate the effects of climate change, such as reducing waste and conserving energy. Children will engage in activities that promote these practices and encourage them to
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	reducing waste. Understanding the Importance of Trees: Learn about the role of trees in combating climate change by absorbing carbon dioxide and providing habitat for wildlife. Participate in tree planting activities and observe how trees help the environment. Exploring Renewable Energy: Introduce the concept of renewable energy sources like solar and wind power in a simple way.	conserving energy, reducing waste, and using renewable energy sources. Understand the importance of making environmentally friendly choices. Learning about Adaptation: Introduce the concept of adaptation and how living things can adapt to changes in their environment, including changes caused by climate change. Understand that humans and animals may need to adapt to changes in their habitats.	roles and responsibilities within the learning environment related to climate adaptation, such as caring for plants during hot weather, conserving resources, or reminding peers about the importance of protecting the environment. Demonstrating Agency and Initiative in Climate Action: Encourage children to take initiative in identifying ways to adapt to climate change and implement solutions, such as suggesting ways to reduce carbon emissions or organising a	stories about animals migrating to new habitats or characters finding ways to conserve energy. Use language and communication to express thoughts, ideas, and feelings related to climate change, such as expressing concern about extreme weather or discussing ways to protect the environment. Exploration of Environmental Changes: Explore different environmental changes caused by climate change, such as melting ice caps, rising sea levels, and changes in habitats. Experiment with hands-on activities to	adopt them in their daily lives. Introducing Renewable Energy and Green Technology: Children will learn about renewable energy sources such as solar and wind power, and how they can help reduce greenhouse gas emissions. Children will engage in activities that introduce simple green technologies, such as solar-powered toys or wind turbines. Learning about Adaptation Strategies: Children will learn about adaptation strategies that can help communities and ecosystems cope with the impacts of climate
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	Understand that using renewable energy can help reduce greenhouse gas emissions. Fostering Empathy for Others: Learn about how climate change affects people and animals around the world, such as melting ice caps or extreme weather events. Develop empathy and compassion for those impacted by climate change. Encouraging Problem-Solving Skills: Engage in discussions and activities that encourage critical	Exploring Extreme Weather Events: Learn about extreme weather events, such as storms, floods, and droughts, and how they can be influenced by climate change. Understand how extreme weather events can impact communities and ecosystems. Promoting Water Conservation: Learn about the importance of conserving water and how climate change can affect water availability. Participate in activities that	community clean-up event, and supporting their interests and goals related to climate resilience. Building Pride and Accomplishment in Climate Adaptation Efforts: Recognize and celebrate children's efforts and contributions to climate adaptation activities, fostering a sense of pride and accomplishment in their role as stewards of the environment within their learning community. Developing Understanding of Environmental	demonstrate the effects of climate change, such as melting ice cubes or observing the impact of deforestation on local ecosystems. Community Engagement: Participate in activities that involve the local community and promote climate change awareness and adaptation strategies, such as community gardens or beach clean-up events. Interact with peers and adults to discuss climate change and share ideas for taking action to reduce carbon emissions and protect the environment. Appreciation of	change. Children will engage in activities that explore how plants, animals, and humans adapt to changing environmental conditions. Exploring Changes in the Environment: Children will observe changes in their environment over time, such as changes in temperature, rainfall, or the appearance of new plant and animal species. Children will engage in activities that encourage them to document and monitor these changes and discuss their possible causes. Promoting Resilience and Problem-Solving Skills:
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	thinking and problem-solving related to climate change, such as brainstorming ways to reduce waste or save energy. Develop a sense of agency and empowerment to make positive changes. Promoting Hope and Action: Inspire hope and encourage children to take action to address climate change, such as participating in community clean-up events or advocating for environmental protection. Understand that even small actions can make a	promote water conservation, such as turning off taps when not in use or using rainwater for watering plants. Engaging in Nature-Based Activities: Engage in outdoor activities that foster a connection with nature and promote resilience, such as gardening, nature walks, or outdoor play. Develop an appreciation for the natural world and its ability to adapt to change. Fostering a Sense of Responsibility for Climate Action: Foster a sense of	Changes: Provide opportunities for children to learn about environmental changes caused by climate change through age-appropriate activities and discussions, fostering an understanding of the importance of adapting to and mitigating its impacts.	Nature's Resilience: Develop an appreciation for the resilience of nature and its ability to adapt to changing conditions. Express admiration for the ways plants and animals have evolved to survive in different environments through art, music, and storytelling activities. Connection to Indigenous Knowledge: Introduce basic concepts from indigenous perspectives on climate change and adaptation, such as traditional knowledge of weather patterns and sustainable land	Children will learn about the importance of resilience and problem-solving in addressing the challenges posed by climate change. Children will engage in activities that encourage them to think creatively and collaboratively to find solutions to climate-related problems. Encouraging Advocacy and Action: Children will learn about the importance of advocacy and taking action to address climate change. Children will engage in activities that empower them to speak up for the environment and take small actions to make a
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	difference in creating a better future for the planet.	responsibility for taking action to address climate change and protect the environment. Understand that everyone can play a role in reducing carbon emissions and promoting sustainability for a healthier planet.		management practices. Respectfully engage with local indigenous knowledge holders or elders to learn about traditional adaptation strategies and their relevance to contemporary climate change challenges. Reflection and Action: Reflect on personal connections to climate change and discuss ways to take action to reduce its impact and adapt to changing conditions. Take simple actions to promote climate change awareness and adaptation, such as planting trees, conserving water, or reducing energy consumption, and	positive difference in their community.
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				reflect on the impact of these actions.	
Food and Agriculture (SUS8)	Well-being	Belonging	Contribution :	Communication:	Exploration:
	Exploring Different Types of Foods: Learn about different types of foods, such as fruits, vegetables, grains, and proteins. Understand the importance of eating a variety of foods for good health. Understanding Where Food Comes From: Learn about where food comes from, such as farms,	Exploring Food Sources: Learn about where food comes from, including plants grown in gardens, fruits and vegetables from farms, and animal products from farms. Understand the connection between food and agriculture. Engaging in Gardening Activities:	Introduction to Food Sources: Introduce children to different food sources, such as fruits, vegetables, grains, and animals, using hands-on activities and discussions to explore where food comes from. Exploring Agricultural Practices: Engage children in activities to learn about basic	Introduction to Food and Agriculture: Identify and name basic concepts related to food and agriculture, such as fruits, vegetables, farming, and gardening. Understand simple explanations of where food comes from and the importance of healthy eating. Observation and Exploration: Engage in activities to	Understanding Where Food Comes From: Children will learn about the origins of food, including plants and animals, and how they are grown or raised. Children will engage in activities that introduce them to basic concepts of farming and agriculture. Exploring Different Types of Food: Children will explore a variety of fruits, vegetables, grains, and

	gardens, or supermarkets. Explore the process of growing, harvesting, and preparing food. Exploring the Garden: Engage in gardening activities, such as planting seeds, watering plants, and harvesting vegetables. Understand the connection between the garden and the food we eat. Learning about Farm Animals: Learn about different farm animals and their role in providing food, such as cows	Participate in hands-on gardening activities, such as planting seeds, watering plants, and harvesting fruits and vegetables. Develop an appreciation for the process of growing food and the role of agriculture in providing nourishment. Learning about Farm Animals: Learn about common farm animals, such as chickens, cows, and sheep, and their role in providing food products, such as eggs, milk, and meat.	agricultural practices, such as planting seeds, watering plants, and harvesting crops, to understand the process of growing food. Participation in Decision-Making for Food Choices: Encourage children to actively participate in discussions about food choices, sharing their ideas and preferences for healthy and sustainable foods, such as fruits and vegetables grown locally. Engaging in Cooperative and Collaborative Activities for Food Preparation:	observe and explore different types of fruits, vegetables, and plants grown in gardens and farms. Use senses to observe and describe characteristics of foods, such as colours, shapes, textures, and tastes. Caring for Plants and Animals: Participate in activities that promote caring for plants and animals in agricultural settings, such as watering plants, feeding animals, and harvesting produce. Identify basic ways to contribute to food production and agriculture, such as planting seeds or helping to tend to a	proteins, learning about their different tastes, textures, and nutritional benefits. Children will engage in activities that involve sorting and categorising foods based on their characteristics. Learning about Gardening and Plant Growth: Children will learn about gardening and how plants grow from seeds to mature plants. Children will engage in activities that involve planting seeds, watering plants, and observing their growth over time. Understanding the Role of Pollinators: Children will learn about the importance of
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	for milk and chickens for eggs. Develop empathy and respect for farm animals. Exploring Food Diversity: Learn about different cultural foods and traditions, such as sushi from Japan or tacos from Mexico. Explore the diversity of flavours and ingredients in different cuisines. Promoting Healthy Eating Habits: Learn about the importance of eating fruits and vegetables for good health. Participate in	Understand the importance of caring for animals and treating them with kindness. Exploring Different Types of Foods: Explore a variety of foods from different cultures and regions, including fruits, vegetables, grains, and dairy products. Understand the importance of eating a diverse and balanced diet for health and well-being. Understanding Sustainable Agriculture Practices: Introduce the	Foster collaboration among children in activities focused on food preparation, such as washing fruits and vegetables, making simple snacks, or setting the table for meals, while demonstrating empathy, sharing, and cooperation with peers. Taking on Roles and Responsibilities in Food-related Tasks: Assign age-appropriate roles and responsibilities within the learning environment related to food,	garden. Understanding Farming Practices: Recognise simple farming practices, such as planting seeds, watering plants, and caring for animals. Begin to understand the importance of sustainable farming methods for protecting the environment and producing healthy food. Storytelling and Communication: Engage in storytelling activities that introduce concepts of food and agriculture, such as stories about planting seeds, growing crops, and harvesting fruits and vegetables.	pollinators such as bees, butterflies, and birds in the process of plant reproduction. Children will engage in activities that highlight the role of pollinators and explore how they help plants produce fruits and seeds. Promoting Healthy Eating Habits: Children will learn about the importance of eating a variety of foods to stay healthy and strong. Children will engage in activities that promote healthy eating habits, such as sorting foods into "everyday" and "sometimes" categories or making nutritious snacks. Exploring Farm Animals and Their
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	activities that promote healthy eating, such as taste testing fruits and vegetables or making fruit kebabs. Understanding the Seasons and Harvest: Learn about how the seasons affect the availability of fruits and vegetables. Understand the concept of harvest and celebrate the bounty of the season. Exploring Food Preparation: Engage in simple food preparation activities, such as washing fruits and vegetables or spreading toppings on crackers.	concept of sustainable agriculture and how it promotes environmental health, biodiversity, and long-term food security. Participate in activities that promote sustainable farming practices, such as composting, crop rotation, and using natural pest control methods. Learning about Seasons and Harvests: Learn about the seasonal cycle of planting, growing, and harvesting crops. Understand how seasonal changes	such as helping to prepare snacks, setting up a mini vegetable garden, or feeding classroom pets, to develop a sense of responsibility towards food-related tasks. Demonstrating Agency and Initiative in Food-related Activities: Encourage children to take initiative in exploring different foods, suggesting recipes or ingredients for snacks, and expressing their interests and goals related to food and nutrition. Building Pride and Accomplishment	Use language and communication to express thoughts, ideas, and feelings related to food, such as sharing favourite foods or discussing the process of growing plants. Exploration of Food Sources: Explore different sources of food, such as fruits, vegetables, grains, and dairy products, and discuss their origins and nutritional value. Experiment with food-related activities, such as cooking simple recipes or creating artwork inspired by fruits and vegetables. Community Engagement:	Products: Children will learn about different farm animals and the products they provide, such as eggs, milk, and wool. Children will engage in activities that involve role-playing as farmers or farm animals and learning about the care and management of animals. Introducing Simple Food Preservation Techniques: Children will learn about simple food preservation techniques such as drying, canning, and freezing. Children will engage in activities that demonstrate these techniques and discuss their importance for
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	Develop basic cooking skills and an appreciation for where food comes from. Promoting Sustainable Agriculture: Learn about sustainable farming practices, such as organic farming or crop rotation. Understand the importance of protecting the environment for future food production. Fostering Appreciation for Food: Develop an appreciation for the effort and resources that go into	affect agriculture and the availability of fresh foods. Promoting Food Waste Reduction: Learn about the importance of reducing food waste and ways to minimise it, such as planning meals, storing food properly, and using leftovers creatively. Participate in activities that promote food waste reduction, such as composting food scraps or donating excess food to those in need. Exploring Traditional Foods and Cooking Methods:	in Food-related Contributions: Recognize and celebrate children's efforts and contributions to food-related activities, fostering a sense of pride and accomplishment in their role as active participants in food preparation and consumption within their learning community. Introduction to Textiles and Fabric: Introduce children to basic concepts of textiles and fabric, such as different types of materials and their uses, through sensory	Participate in activities that involve the local community and promote food and agricultural awareness, such as visiting local farms or farmers' markets. Interact with peers and adults to discuss food choices and share ideas for supporting local agriculture and healthy eating habits. Appreciation of Nature's Bounty: Develop an appreciation for the abundance of food provided by nature and the hard work of farmers and gardeners. Express gratitude for the variety of foods	storing food and reducing waste. Learning about Seasons and Crop Rotation: Children will learn about the changing seasons and how they affect the growth of crops. Children will engage in activities that introduce the concept of crop rotation and how it helps maintain healthy soil and prevent pests and diseases. Understanding Sustainable Farming Practices: Children will learn about sustainable farming practices such as organic farming, Children will engage in activities that promote
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	producing food. Understand the value of not wasting food and how to show gratitude for the food we have.	Learn about traditional foods and cooking methods from their own culture and other cultures. Participate in cooking activities using traditional recipes and ingredients. Engaging in Farm Visits and Field Trips: Visit local farms or farmers' markets to learn firsthand about agriculture and meet farmers. Understand the importance of supporting local farmers and buying locally grown foods. Fostering a Sense	experiences and storytelling activities. Exploring Textile-related Activities: Engage children in activities to explore textiles, such as sorting fabrics by texture or colour, weaving with yarn, or dressing up in different costumes, to foster creativity and appreciation for textiles. Participation in Decision-Making for Textile Choices: Encourage children to actively participate in discussions about textile choices,	available through activities such as tasting different fruits and vegetables or creating artwork inspired by nature's bounty. Connection to Indigenous Knowledge: Introduce basic concepts from indigenous perspectives on food and agriculture, such as traditional farming techniques and the importance of respecting the land. Respectfully engage with local indigenous knowledge holders or elders to learn about traditional food sources and cultivation methods and their relevance to contemporary	awareness of the environmental benefits of sustainable farming and gardening methods. Promoting Technology in Agriculture: Children will learn about the role of technology in modern agriculture, such as tractors, irrigation systems, and greenhouse technology. Children will engage in activities that involve exploring simple agricultural technologies, such as using toy tractors or planting seeds with a planting tool.
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		of Responsibility for Food Choices: Foster a sense of responsibility for making healthy and sustainable food choices. Understand that food choices can impact health, the environment, and the well-being of communities.	sharing their ideas and preferences for clothing and textiles, such as choosing clothes made from natural fibres or recycled materials. Engaging in Cooperative and Collaborative Activities for Textile Crafts: Foster collaboration among children in textile-related crafts and activities, such as creating fabric art, sewing simple projects, or dressing up in costumes for role-playing, while demonstrating empathy, sharing, and cooperation with peers. Taking on Roles and	agricultural practices. Reflection and Action: Reflect on personal connections to food and agriculture and discuss ways to make healthy food choices and support local farmers. Take simple actions to promote food and agricultural awareness, such as planting a small garden, choosing locally grown produce, or participating in community food drives, and reflect on the impact of these actions.	
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			Responsibilities in Textile-related Tasks: Assign age-appropriate roles and responsibilities within the learning environment related to textiles, such as folding and organising fabric, threading needles, or taking care of dress-up clothes, to develop a sense of responsibility towards textile-related tasks. Demonstrating Agency and Initiative in Textile-related Activities: Encourage children to take initiative in exploring different		
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			textile materials, suggesting ideas for textile crafts or projects, and expressing their interests and goals related to textiles and creativity. Building Pride and Accomplishment in Textile-related Contributions: Recognise and celebrate children's efforts and contributions to textile-related activities, fostering a sense of pride and accomplishment in their role as creative contributors to textile exploration and expression within their learning community.		
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Water Conservation (SUS9)	Well-being	Belonging	Contribution :	Communication:	Exploration:
	Understanding the Importance of Water: Learn about the importance of water for life, including drinking, bathing, and growing plants. Understand that water is a precious resource that needs to be conserved. Exploring Where Water Comes From: Learn about where water comes from, such as rivers, lakes, and rainfall.	Understanding the Importance of Water: Learn about the importance of water for life and well-being, including drinking, hygiene, and ecosystem health. Understand that water is a precious resource that needs to be conserved. Exploring Water Sources: Learn about different sources of water, such as	Understanding the Importance of Water: Introduce the concept of water and its importance for life, using simple language and examples such as drinking water, bathing, and watering plants. Exploring Water Sources and Usage: Engage children in activities to explore different sources of water, such as rivers, lakes, and rain, and discuss	Introduction to Water Conservation: Identify and name basic concepts related to water conservation, such as water, conservation, saving, and using wisely. Understand simple explanations of why water conservation is important for the environment and our communities. Observation and Exploration: Engage in activities to observe and explore water sources, such as rivers, lakes, and	Understanding the Importance of Water: Children will learn about the importance of water for life on Earth and the need to conserve it. Children will engage in activities that demonstrate the role of water in ecosystems and daily activities. Exploring the Water Cycle: Children will learn about the water cycle and how water moves through the environment. Children will engage in activities that illustrate

	Understand the water cycle and how water is collected and treated for use. Practising Water Saving Habits: Learn simple water-saving habits, such as turning off the tap while brushing teeth or taking shorter showers. Understand that small actions can make a big difference in saving water. Identifying Wasteful Practices: Learn to identify wasteful practices, such as leaving taps running or letting water overflow.	rivers, lakes, streams, and rainwater. Understand where water comes from and how it is used in everyday life. Promoting Water-Saving Habits: Learn simple water-saving habits, such as turning off taps when not in use, taking shorter showers, and fixing leaks. Understand that small actions can help conserve water and reduce water wastage. Learning about the Water Cycle: Explore the water	how water is used in daily life, such as for drinking, cleaning, and cooking. Participation in Decision-Making for Water Conservation: Encourage children to actively participate in discussions about water conservation, sharing their ideas and perspectives on how to save water, such as turning off taps when brushing teeth or fixing leaks. Engaging in Cooperative and Collaborative Activities for Water Saving:	taps. Use senses to observe and describe characteristics of water, such as its colour, temperature, and sound. Caring for Water: Participate in activities that promote caring for water and conserving it, such as turning off taps when not in use and fixing leaks. Identify basic ways to save water in everyday activities, such as taking shorter showers or using a watering can instead of a hose for plants. Understanding Water Cycle: Recognize simple aspects of the water	the different stages of the water cycle, such as evaporation, condensation, and precipitation. Learning about Water Sources: Children will learn about different sources of water, such as rivers, lakes, and groundwater. Children will engage in activities that introduce them to the concept of water conservation and the importance of protecting water sources. Promoting Awareness of Water Waste: Children will learn about common sources of water waste, such as leaking faucets or running taps.
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	Understand the importance of being mindful of water usage. Exploring Water Conservation at Home: Explore ways to conserve water at home, such as fixing leaky taps or using a bucket to collect rainwater for watering plants. Understand that everyone can contribute to water conservation. Learning about Water Pollution: Learn about the importance of keeping water clean and free from pollution.	cycle through hands-on activities and storytelling, learning about evaporation, condensation, and precipitation. Understand how water moves through the environment and is recycled naturally. Engaging in Water Play and Exploration: Participate in water play activities, such as water tables, splash pools, or water painting, to develop an appreciation for water and its properties. Learn about the importance of water for play and recreation.	Foster collaboration among children in activities focused on water conservation, such as collecting rainwater for plants, using water-efficient devices, or creating posters to promote water-saving tips, while demonstrating empathy, sharing, and cooperation with peers. Taking on Roles and Responsibilities in Water Conservation: Assign age-appropriate roles and responsibilities within the learning environment related to water	cycle, such as rain falling from clouds, flowing into rivers, and evaporating into the air. Begin to understand how human actions can affect the water cycle and the availability of clean water. Storytelling and Communication: Engage in storytelling activities that introduce concepts of water conservation, such as stories about animals needing water to survive or characters saving water in their daily routines. Use language and communication to express thoughts, ideas, and feelings related to water, such	Children will engage in activities that promote awareness of water waste and encourage them to take action to reduce it. Understanding Water Saving Techniques: Children will learn about simple techniques for saving water, such as turning off taps when not in use or taking shorter showers. Children will engage in activities that demonstrate these water-saving techniques and encourage them to practise them at home and at school. Introducing Rainwater Harvesting: Children will learn about rainwater harvesting and how it can be used to
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	Understand the impact of pollution on water sources and the environment. Discovering Water-Saving Technologies: Learn about technologies that help save water, such as low-flow faucets and rainwater harvesting systems. Understand how these technologies work to conserve water. Engaging in Water Play Activities: Participate in water play activities that promote appreciation for water while also	Exploring Water Conservation Technologies: Learn about water-saving technologies, such as rainwater harvesting systems, water-efficient appliances, and low-flow faucets. Understand how these technologies help conserve water and reduce water consumption. Learning about Water Pollution: Learn about water pollution and its impact on ecosystems and human health. Understand the	conservation, such as reminding peers to turn off taps, using water responsibly during water play activities, or reporting leaks to adults. Demonstrating Agency and Initiative in Water-Saving Practices: Encourage children to take initiative in identifying opportunities to save water and implementing solutions, such as suggesting ways to reuse water or organising a water-saving challenge, and supporting their interests and goals related to water	as expressing concern about water scarcity or discussing ways to save water at home. Exploration of Water Sources: Explore different sources of water used in everyday life, such as taps, wells, and rainwater tanks, and discuss their importance and usage. Experiment with water-related activities, such as measuring and pouring water or observing the effects of water on different materials. Community Engagement: Participate in activities	conserve water and reduce reliance on municipal water supplies. Children will engage in activities that demonstrate how rainwater can be collected and stored for use in gardens or for other purposes. Learning about Water Pollution: Children will learn about water pollution and its impact on the environment and human health. Children will engage in activities that promote awareness of sources of water pollution and ways to prevent it. Exploring Water Conservation Technology:
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	learning about conservation, such as playing with water toys in a bucket or sensory play with water beads. Understand the importance of using water responsibly even during playtime. Exploring Water Creatures: Learn about creatures that live in water, such as fish, frogs, and ducks. Understand the importance of protecting their habitats by conserving water. Promoting Community Involvement:	importance of keeping water clean and free from pollution. Promoting Outdoor Water Conservation: Participate in activities that promote outdoor water conservation, such as planting drought-tolerant plants, using mulch to retain moisture, or collecting rainwater for gardening. Understand the importance of using water efficiently in outdoor spaces. Engaging in Water Conservation Projects:	conservation. Building Pride and Accomplishment in Water Conservation Efforts: Recognise and celebrate children's efforts and contributions to water conservation activities, fostering a sense of pride and accomplishment in their role as stewards of water within their learning community. Developing Understanding of the Water Cycle: Provide opportunities for children to learn about the water	that involve the local community and promote water conservation, such as visiting water treatment plants or participating in water-saving campaigns. Interact with peers and adults to discuss water conservation practices and share ideas for conserving water at home and in the community. Appreciation of Water as a Resource: Develop an appreciation for water as a precious resource necessary for life. Express gratitude for clean water through activities such as drawing pictures of water sources or	Children will learn about technology used for water conservation, such as low-flow faucets, water-efficient appliances, and irrigation systems. Children will engage in activities that involve exploring and experimenting with simple water-saving technologies. Understanding the Importance of Clean Water: Children will learn about the importance of clean water for drinking, cooking, and hygiene. Children will engage in activities that highlight the need to protect water sources and keep them clean.
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	Participate in community initiatives related to water conservation, such as clean-up events at beaches or rivers. Understand that everyone has a role to play in protecting water sources for future generations.	Participate in water conservation projects, such as creating water-saving posters, conducting water audits, or organising community clean-up events to protect water sources. Understand the importance of taking action to conserve water and protect the environment. Fostering a Sense of Responsibility for Water Conservation: Foster a sense of responsibility for conserving water and protecting water sources for	cycle through hands-on experiences and discussions, fostering an understanding of how water is recycled and replenished in nature.	singing songs about water conservation. Connection to Indigenous Knowledge: Introduce basic concepts from indigenous perspectives on water conservation, such as traditional water management practices and the importance of respecting water as a sacred resource. Respectfully engage with local indigenous knowledge holders or elders to learn about traditional water conservation techniques and their relevance to contemporary sustainability efforts. Reflection and Action:	Encouraging Community Involvement in Water Conservation: Children will learn about the importance of community involvement in water conservation efforts. Children will engage in activities that involve collaborating with their classmates and teachers to implement water-saving practices in their school and local community.
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		future generations. Understand that everyone has a role to play in water conservation and stewardship.		Reflect on personal connections to water conservation and discuss ways to take action to save water and protect water sources. Take simple actions to promote water conservation, such as turning off taps tightly, using water wisely during play, or collecting rainwater for garden use, and reflect on the impact of these actions.	
Sustainable Transport and Urban Planning (SUS10)	Well-being	Belonging	Contribution :	Communication:	Exploration:
	Understanding Different Modes of Transport:	Understanding Transportation Modes:	Introduction to Transport and Urban Planning:	Introduction to Sustainable Transport: Identify and name basic concepts related	Understanding Different Modes of Transportation:

	Learn about different modes of transportation, such as cars, buses, bicycles, and walking. Understand the importance of choosing sustainable transportation options. Exploring the Local Community: Explore the local community and observe different forms of transportation, such as buses, bicycles, and pedestrian walkways. Understand how urban planning affects how people move around in their community.	Learn about different modes of transportation, such as walking, cycling, public transit, and carpooling. Understand the benefits of each mode of transportation for individuals and the environment. Exploring Sustainable Transportation Choices: Engage in activities that promote sustainable transportation choices, such as walking or biking to nearby destinations instead of using cars.	Introduce basic concepts of transportation and urban planning, using simple language and examples such as cars, buses, bicycles, and buildings, to lay the foundation for understanding sustainable transport. Exploring Different Modes of Transport: Engage children in activities to explore different modes of transport, such as walking, cycling, public transport, and carpooling, and discuss their benefits for the environment and community. Participation in	to sustainable transport, such as walking, biking, public transportation, and carpooling. Understand simple explanations of why sustainable transport is important for reducing pollution and keeping communities healthy. Observation and Exploration: Engage in activities to observe and explore different modes of transportation in their community, such as walking paths, bike lanes, and buses. Use senses to observe and describe characteristics of different forms of transport, such as the sounds of cars, the feeling of walking, and	Children will learn about different modes of transportation, such as walking, biking, public transit, and cars. Children will engage in activities that introduce them to the concept of sustainable transportation and its benefits for the environment. Exploring the Local Environment: Children will explore their local neighbourhood and community, observing streets, buildings, parks, and transportation infrastructure. Children will engage in activities that promote awareness of their surroundings and how they are designed for transportation and urban
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	Learning about Public Transportation: Learn about public transportation systems, such as buses and trains, and how they help reduce traffic congestion and pollution. Understand the benefits of using public transportation for the environment. Discovering Safe Routes for Walking and Biking: Learn about safe routes for walking and biking in their neighbourhood, such as sidewalks, bike lanes, and pedestrian crossings.	Understand the importance of reducing carbon emissions and promoting active transportation. Learning about Safe Pedestrian Practices: Learn about pedestrian safety rules, such as looking both ways before crossing the street, using crosswalks, and holding hands with adults when walking. Understand the importance of staying safe while walking in the community. Exploring Urban Planning Concepts:	Decision-Making for Sustainable Transport: Encourage children to actively participate in discussions about sustainable transport, sharing their ideas and perspectives on how to reduce car use and promote eco-friendly transportation options, such as walking or biking to school. Engaging in Cooperative and Collaborative Activities for Sustainable Transport: Foster collaboration among children in activities focused	the sight of bikes. Caring for the Environment: Participate in activities that promote caring for the environment through sustainable transport choices, such as walking or biking instead of driving. Identify basic ways to reduce pollution and congestion in their community, such as using public transportation or carpooling with friends and family. Understanding Urban Planning: Recognise simple aspects of urban planning, such as sidewalks, crosswalks/ zebra	living. Learning about Traffic Safety: Children will learn about the importance of traffic safety when walking, biking, or riding in vehicles. Children will engage in activities that teach them about traffic signs, signals, and rules for safe pedestrian and cyclist behaviour. Understanding the Impact of Transportation on the Environment: Children will learn about the environmental impact of different modes of transportation, such as air pollution and greenhouse gas emissions.
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	Understand the importance of pedestrian safety and following traffic rules. Exploring Green Spaces and Parks: Explore nearby green spaces and parks and learn about the benefits of walking and biking to these places. Understand the importance of preserving green spaces in urban areas for recreation and environmental health. Promoting Active Transportation: Participate in activities that promote active transportation, such	Introduce basic concepts of urban planning, such as community design, land use, and transportation infrastructure. Understand how urban planning decisions can impact transportation choices and community well-being. Engaging in Neighbourhood Exploration: Explore their neighbourhood on foot or by bicycle, observing different types of transportation infrastructure, such as sidewalks, bike lanes, and bus stops.	on sustainable transport, such as organising a walking school bus, designing bike paths or pedestrian-friendly spaces, or creating posters to promote eco-friendly transportation, while demonstrating empathy, sharing, and cooperation with peers. Taking on Roles and Responsibilities in Promoting Sustainable Transport: Assign age-appropriate roles and responsibilities within the learning environment related to promoting	crossing, and parks designed for walking and playing. Begin to understand how urban design can affect the ease and safety of sustainable transportation options. Storytelling and Communication. Engage in storytelling activities that introduce concepts of sustainable transport and urban planning, such as stories about walking adventures or characters riding bikes to school. Use language and communication to express thoughts, ideas, and feelings related to transportation, such as sharing excitement about a bike ride or discussing the	Children will engage in activities that promote awareness of the need to reduce reliance on fossil fuel-powered vehicles and promote sustainable alternatives. Promoting Walking and Biking: Children will learn about the benefits of walking and biking for their health and the environment. Children will engage in activities that encourage them to walk or bike for short trips and explore their neighbourhood on foot or by bicycle. Introducing Public Transit: Children will learn about public transit systems such as buses and trains and how they help
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	as walking or biking to school or nearby destinations. Understand the health benefits of active transportation for individuals and the environment. Learning about Pollution and Traffic Congestion: Learn about the negative impacts of pollution and traffic congestion on air quality and health. Understand how reducing car use and promoting sustainable transportation can help reduce these impacts. Engaging in Hands-On Activities:	Understand how well-designed neighbourhoods can promote active transportation and community connectivity. Learning about Public Transit: Learn about public transit options available in their community, such as buses or trains. Understand the benefits of using public transit, such as reducing traffic congestion and air pollution. Promoting Sustainable Travel Practices: Participate in activities that promote	sustainable transport, such as organising transportation-themed events, promoting safe walking and biking practices, or encouraging peers to use public transport, to develop a sense of responsibility towards sustainable transportation. Demonstrating Agency and Initiative in Promoting Sustainable Transport: Encourage children to take initiative in identifying opportunities to promote sustainable transport and implementing	importance of pedestrian safety. Exploration of Transportation Modes: Explore different modes of transportation used in everyday life, such as walking, biking, riding scooters, or taking the bus, and discuss their benefits and drawbacks. Experiment with transportation-related activities, such as riding tricycles or toy cars, to understand basic principles of movement and travel. Community Engagement: Participate in activities that involve the local community and	reduce traffic congestion and air pollution. Children will engage in activities that introduce them to the concept of using public transit and its role in sustainable transportation. Learning about Urban Planning and Design: Children will learn about urban planning and how cities are designed to accommodate different modes of transportation and promote sustainable living. Children will engage in activities that involve designing and building model cities or neighbourhoods using blocks or other materials. Exploring Green Spaces and Parks:
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	Participate in hands-on activities related to sustainable transportation and urban planning, such as creating a model city with walkable streets and bike lanes. Develop creativity and problem-solving skills while exploring sustainable transportation solutions. Understanding Community Planning: Learn about community planning and how decisions about transportation and urban design are made. Understand the role of citizens in	sustainable travel practices, such as carpooling with friends or family, using reusable water bottles, or packing waste-free snacks for outings. Understand that small actions can make a big difference in reducing environmental impact. Exploring Green Spaces and Parks: Explore local parks and green spaces, learning about their importance for recreation, relaxation, and community gathering. Understand the connection	solutions, such as suggesting ways to reduce traffic congestion or advocating for safer walking and biking routes, and supporting their interests and goals related to sustainable transportation. Building Pride and Accomplishment in Sustainable Transport Efforts: Recognise and celebrate children's efforts and contributions to promoting sustainable transport, fostering a sense of pride and accomplishment in their role as advocates for eco-friendly transportation	promote sustainable transport and urban planning, such as neighbourhood walks or visiting pedestrian-friendly areas. Interact with peers and adults to discuss transportation options and share ideas for making their community more pedestrian and bike-friendly. Appreciation of Active Living: Develop an appreciation for the benefits of active transportation, such as walking or biking, for physical health and well-being. Express enjoyment of active transportation through activities such as dancing, playing	Children will learn about the importance of green spaces and parks in urban areas for recreation, biodiversity, and climate resilience. Children will engage in activities that involve exploring and appreciating local parks and green spaces. Understanding the Role of Technology in Transportation: Children will learn about technology used in transportation, such as electric vehicles, bike-sharing systems, and traffic management systems. Children will engage in activities that involve exploring and experimenting with simple transportation
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	shaping their community and advocating for sustainable transportation options. Promoting Environmental Stewardship: Foster a sense of responsibility for the environment by encouraging children to make environmentally friendly transportation choices. Understand that small actions, such as walking, biking, or taking public transportation, can make a positive impact on the environment and community well-being.	between urban green spaces, transportation choices, and community well-being. Learning about Accessibility and Inclusivity: Learn about the importance of accessible and inclusive transportation options for people of all abilities and backgrounds. Understand the role of transportation in promoting social equity and inclusion. Fostering a Sense of Responsibility for Sustainable Transport:	within their learning community. Introduction to Urban Planning and Community Design: Provide opportunities for children to learn about urban planning and community design through age-appropriate activities and discussions, fostering an understanding of how cities and neighbourhoods are planned and developed.	active games, or exploring nature trails. Connection to Indigenous Knowledge: Introduce basic concepts from indigenous perspectives on transportation and urban planning, such as traditional walking trails and sustainable land use practices. Respectfully engage with local indigenous knowledge holders or elders to learn about traditional transportation methods and their relevance to contemporary sustainable transport initiatives. Reflection and Action:	technologies, such as toy cars or model trains. Encouraging Community Involvement in Sustainable Transportation: Children will learn about the importance of community involvement in promoting sustainable transportation and urban planning. Children will engage in activities that involve collaborating with their classmates and teachers to brainstorm ideas for making their neighbourhood more walkable, bikeable, and sustainable.
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		Foster a sense of responsibility for choosing sustainable transportation options and advocating for transportation policies that prioritise environmental sustainability and community well-being. Understand that everyone has a role to play in creating a more sustainable and livable community.		Reflect on personal connections to sustainable transport and urban planning and discuss ways to make environmentally friendly transportation choices. Take simple actions to promote sustainable transport, such as walking or biking to nearby destinations, advocating for safer pedestrian infrastructure, or participating in community events promoting sustainable transportation, and reflect on the impact of these actions.	
Citizenship / Global Responsibility and Sustainable Development (SUS11)	Well-being	Belonging	Contribution :	Communication:	Exploration:

	Understanding Community and Global Connections: Learn about their local community and the wider world through storytelling, maps, and pictures. Understand that they are part of a larger community and have connections with people and places beyond their immediate surroundings. Exploring Cultural Diversity: Learn about different cultures, traditions, and languages through stories, music, and art.	Promoting Empathy and Compassion: Encourage children to empathise with others and understand the importance of caring for people and the planet. Foster a sense of compassion towards those in need and appreciation for diversity. Introducing Global Awareness: Introduce basic concepts of global citizenship, such as understanding that people live in different countries and speak different languages.	Introduction to Citizenship and Global Responsibility: Introduce basic concepts of citizenship and global responsibility, using simple language and examples such as being a good friend, helping others, and caring for the environment. Exploring Diversity and Inclusion: Engage children in activities to explore diversity and inclusion, such as reading books about different cultures, celebrating cultural festivals, and	Introduction to Global Citizenship: Identify and name basic concepts related to global citizenship, such as caring for others, respecting diversity, and helping those in need. Understand simple explanations of what it means to be a global citizen and why it's important to care for people and the planet. Observation and Exploration: Engage in activities to observe and explore images and stories from around the world, such as pictures of children in different countries, animals in their habitats, and	Understanding Community and Global Connections: Children will learn about their role as members of a community and citizens of the world. Children will engage in activities that promote awareness of different cultures, traditions, and global issues. Exploring the Sustainable Development Goals (SDGs): Children will learn about the United Nations Sustainable Development Goals (SDGs) and their importance for creating a better world. Children will engage in activities that introduce them to the concept of
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	Develop an appreciation for diversity and respect for people from different backgrounds. Learning about Sustainable Living: Learn about the concept of sustainability and what it means to live in harmony with the environment. Understand the importance of conserving resources and protecting the planet for future generations. Promoting Kindness and Empathy: Participate in activities that	Foster curiosity about the world beyond their immediate surroundings. Learning about Sustainable Development Goals: Introduce age-appropriate concepts of the United Nations' Sustainable Development Goals (SDGs), such as ending poverty, protecting the environment, and promoting equality. Foster an understanding that everyone has a role to play in achieving a better and more sustainable world.	discussing the importance of treating everyone with kindness and respect. Participation in Decision-Making for Community and Global Issues: Encourage children to actively participate in discussions about community and global issues, such as poverty, hunger, and environmental conservation, sharing their ideas and perspectives on how to make a positive impact. Engaging in Cooperative and Collaborative Activities for Social Responsibility:	landscapes. Use senses to observe and describe similarities and differences in cultures, environments, and lifestyles. Caring for Others and the Planet: Participate in activities that promote caring for others and the planet, such as collecting donations for charity or participating in environmental clean-up projects. Identify basic ways to help others and protect the environment, such as being kind to classmates or recycling materials. Understanding Sustainable	sustainable development and the specific goals related to ending poverty, protecting the planet, and ensuring prosperity for all. Learning about Environmental Stewardship: Children will learn about the importance of taking care of the environment and protecting natural resources. Children will engage in activities that promote awareness of environmental issues such as pollution, deforestation, and climate change, and discuss ways to address them. Promoting Respect and Empathy for Others:
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	promote kindness and empathy towards others, such as sharing toys and helping classmates. Understand the importance of treating others with respect and compassion. Exploring Global Issues: Learn about global issues such as poverty, hunger, and climate change in simple terms appropriate for their age. Understand that people around the world face different challenges and that they can make a difference through acts of kindness and compassion.	Exploring Cultural Diversity: Explore different cultures, traditions, and customs from around the world through stories, songs, and art activities. Foster appreciation for cultural diversity and respect for people of different backgrounds. Promoting Responsible Consumption: Introduce the concept of responsible consumption and its connection to sustainability, such as reducing waste, conserving resources, and making	Foster collaboration among children in activities focused on social responsibility, such as organising charity drives, participating in community clean-up events, or creating artwork to raise awareness about social and environmental issues, while demonstrating empathy, sharing, and cooperation with peers. Taking on Roles and Responsibilities in Promoting Global Citizenship: Assign age-appropriate	Development Goals (SDGs): Recognize simple concepts related to the SDGs, such as ending poverty, promoting education, and protecting the environment. Begin to understand how actions taken locally can contribute to achieving global goals for a better world. Storytelling and Communication: Engage in storytelling activities that introduce concepts of global citizenship and the SDGs, such as stories about helping others, caring for animals, and protecting nature.	Children will learn about the value of respect, kindness, and empathy towards others, regardless of differences. Children will engage in activities that promote understanding and acceptance of diversity in their classroom and community. Understanding the Concept of Fairness and Justice: Children will learn about the importance of fairness and justice in society. Children will engage in activities that promote fairness and equality in their interactions with others and explore ways to advocate for justice.
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	Engaging in Community Service: Participate in age-appropriate community service activities, such as collecting food for a local food bank or cleaning up litter in the neighbourhood. Understand that they can contribute to making their community a better place for everyone. Learning about Sustainable Development Goals (SDGs): Introduce the Sustainable Development Goals (SDGs) in a simplified manner, focusing on goals such as zero	eco-friendly choices. Encourage simple actions, such as recycling, reusing, and sharing toys and materials. Learning about Environmental Stewardship: Teach children about the importance of protecting the environment and preserving natural resources for future generations. Engage in activities that promote environmental stewardship, such as planting trees, cleaning up litter, or creating habitats for wildlife. Fostering a Sense	roles and responsibilities within the learning environment related to promoting global citizenship, such as taking turns as classroom helpers, leading discussions about kindness and empathy, or caring for classroom pets, to develop a sense of responsibility towards others and the world. Demonstrating Agency and Initiative in Pursuing SDGs: Encourage children to take initiative in identifying ways to support the Sustainable Development Goals (SDGs) and implementing solutions, such as	Use language and communication to express thoughts, ideas, and feelings related to global issues, such as expressing empathy for others or discussing ways to make the world a better place. Exploration of Cultural Diversity: Explore different cultures and traditions through stories, songs, and images, and discuss the importance of respecting and celebrating diversity. Experiment with cultural activities, such as trying foods from different cultures or learning traditional dances and games. Community	Exploring Sustainable Practices in Everyday Life: Children will learn about simple sustainable practices they can adopt in their daily lives, such as reducing waste, conserving energy, and using resources responsibly. Children will engage in activities that encourage them to practise these sustainable habits at home and at school. Learning about the Impact of Technology on Society: Children will learn about the positive and negative impacts of technology on society and the environment. Children will engage in activities that promote
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	hunger, quality education, and clean water and sanitation. Understand that these goals aim to create a better world for all people and the planet. Promoting Environmental Stewardship: Participate in activities that promote environmental stewardship, such as planting trees, recycling, and conserving water. Understand that they have a responsibility to take care of the environment and protect it for future generations.	of Community Engagement: Encourage children to participate in community activities, such as volunteering, fundraising, or helping neighbours. Foster a sense of belonging and responsibility towards their local community and beyond. Promoting Peaceful Conflict Resolution: Teach children about peaceful conflict resolution and the importance of resolving differences through communication, empathy, and compromise.	suggesting ways to reduce waste or conserve resources, and supporting their interests and goals related to making a positive impact on the world. Building Pride and Accomplishment in Global Citizenship Efforts: Recognize and celebrate children's efforts and contributions to promoting global citizenship and supporting the SDGs, fostering a sense of pride and accomplishment in their role as responsible global citizens within their learning	Engagement: Participate in activities that involve the local community and promote global citizenship and responsibility, such as cultural exchange events or fundraisers for international causes. Interact with peers and adults to discuss global issues and share ideas for making a positive impact in their community and beyond. Appreciation of Global Interconnectedness: Develop an appreciation for the interconnectedness of people and the planet, recognizing that	critical thinking and discussion about the role of technology in shaping the world around them. Understanding the Importance of Collaboration and Cooperation: Children will learn about the value of working together to solve problems and make positive changes in their community and the world. Children will engage in activities that promote teamwork, communication, and cooperation. Promoting Responsible Consumption and Production: Children will learn about the importance of making responsible
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	Encouraging Critical Thinking and Problem-Solving: Engage in discussions and activities that encourage critical thinking about global issues and how they can be addressed. Develop problem-solving skills and a sense of agency to make positive changes in the world. Fostering a Sense of Responsibility and Citizenship: Foster a sense of responsibility towards their community and the world, encouraging them to be active	Provide opportunities for role-playing and storytelling to explore conflicts and solutions in a safe and supportive environment. Encouraging Global Connections: Foster connections with children from different cultures and backgrounds through pen pal programs, virtual exchanges, or cultural exchange activities. Promote friendship, understanding, and collaboration across borders. Inspiring Action	community. Introduction to Sustainable Development Goals (SDGs): Provide opportunities for children to learn about the Sustainable Development Goals (SDGs) through age-appropriate activities and discussions, fostering an understanding of the goals and their importance for creating a better world for everyone.	actions taken locally can have global implications. Express gratitude for the diversity and beauty of the world through activities such as singing songs from different cultures or creating artwork inspired by nature. Connection to Indigenous Knowledge: Introduce basic concepts from indigenous perspectives on global citizenship and responsibility, such as traditional values of stewardship and respect for all living beings. Respectfully engage with local indigenous knowledge holders or elders to learn about	choices as consumers and producers. Children will engage in activities that promote awareness of the impact of their consumption habits on the environment and explore ways to reduce waste and choose sustainable products. Encouraging Active Citizenship and Advocacy: Children will learn about the importance of being active citizens and advocates for positive change. Children will engage in activities that empower them to take action on issues they care about, whether it's caring for the environment, helping those in need, or standing up for fairness
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	and engaged citizens. Understand that even at a young age, they can make a difference by showing kindness, empathy, and respect towards others and the environment.	for Change: Empower children to take action for positive change in their community and the world, such as advocating for environmental protection, helping those in need, or standing up for fairness and equality. Cultivate a sense of agency and empowerment to make a difference, no matter how small.		traditional ways of caring for the land and fostering community well-being. Reflection and Action: Reflect on personal connections to global citizenship and responsibility and discuss ways to take action to make a positive impact in the world. Take simple actions to promote global citizenship, such as showing kindness to others, learning about different cultures, or participating in activities that support the SDGs, and reflect on the impact of these actions.	and equality.
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Outdoor Learning and Connection to Nature (SUS12)	Well-being	Belonging	Contribution :	Communication:	Exploration:
	Exploring Nature's Wonders: Engage in sensory experiences in nature, such as feeling different textures, smelling flowers, and listening to bird songs. Develop an appreciation for the beauty and diversity of the natural world. Understanding the Importance of Outdoor Spaces: Learn about the benefits of spending time outdoors for physical and mental health.	Cultural Exploration in Nature: Engage in outdoor activities that celebrate cultural diversity, such as storytelling from different cultures, exploring traditional foods, or learning about indigenous plants and their uses. Develop an appreciation for different cultures and their connections to the natural world. Celebrating Cultural Festivals Outdoors:	Introduction to Outdoor Learning and Nature Exploration: Foster a sense of curiosity and wonder about the natural world through outdoor exploration activities, such as nature walks, sensory experiences, and observing plants and animals. Participation in Decision-Making for Outdoor Activities: Encourage children to actively	Using Language to Describe Nature: Encourage children to use language to express their observations and experiences in nature, such as describing the colours of flowers, the sounds of birds, or the textures of leaves, fostering effective communication skills. Engaging in Meaningful Conversations about Nature: Provide opportunities for children to engage in conversations with peers and educators about their outdoor	Exploring the Outdoor Environment: Children will explore their outdoor environment with curiosity and enthusiasm, observing plants, animals, and natural phenomena. Children will engage in activities that promote exploration and discovery in nature, fostering a sense of wonder and appreciation for the natural world. Learning about Sustainability and Stewardship: Children will learn about the concept of sustainability and their

	Understand that nature provides opportunities for exploration, learning, and play. Learning about Plants and Animals: Explore local plants and animals through observation and exploration in outdoor spaces. Understand the role of plants and animals in ecosystems and their importance for sustaining life. Promoting Conservation Practices: Participate in activities that promote conservation, such	Participate in outdoor celebrations of cultural festivals and traditions, such as Matariki, Chinese New Year, or Diwali. Understand the significance of cultural celebrations and how they connect people to nature and community. Learning Traditional Outdoor Practices: Learn about traditional outdoor practices from various cultures, such as weaving, gardening, or building shelters. Participate in	participate in decision-making processes related to outdoor activities, such as choosing which area to explore or suggesting activities they would like to engage in, fostering a sense of agency and ownership over their learning experiences. Engaging in Cooperative and Collaborative Nature Activities: Promote collaboration among children in outdoor activities, such as building nature forts, planting seeds in a garden, or working together to care for outdoor spaces,	experiences, listening attentively to others' perspectives and responding appropriately, while deepening their understanding of nature. Developing Emergent Literacy Skills through Nature Exploration: Integrate emergent literacy skills into outdoor activities, such as pointing out letters on signs, exploring rhymes with natural sounds, or discussing the concepts of print and words found in nature, to support early literacy development. Exploring Different Forms of Communication in Nature:	role as stewards of the environment. Children will engage in activities that promote awareness of sustainable practices such as recycling, conserving resources, and reducing waste. Understanding the Sustainable Development Goals (SDGs): Children will learn about the United Nations Sustainable Development Goals (SDGs) and their importance for creating a better world. Children will engage in activities that introduce them to the SDGs and explore how they can contribute to achieving them through actions in their daily lives.
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	as picking up litter, planting trees, or creating habitats for wildlife. Understand the importance of caring for the environment and protecting natural habitats. Engaging in Outdoor Play and Exploration: Participate in unstructured outdoor play and exploration, such as building forts, climbing trees, or digging in the soil. Develop physical skills, creativity, and a sense of curiosity about the natural world. Learning about Seasons and Changes in Nature:	hands-on activities that teach traditional skills and techniques. Exploring Indigenous Perspectives on Sustainability: Learn about indigenous perspectives on sustainability and the interconnectedness between people, land, and nature. Understand the importance of respecting and preserving indigenous knowledge and practices. Engaging in Intergenerational Outdoor Activities:	while demonstrating empathy, sharing, and cooperation with peers. Taking on Roles and Responsibilities in Outdoor Exploration: Assign age-appropriate roles and responsibilities within outdoor learning environments, such as being a nature explorer, a garden helper, or a wildlife observer, to instil a sense of responsibility towards caring for nature and outdoor spaces. Demonstrating Agency and Initiative in Nature	Encourage children to explore various forms of communication in nature, such as using verbal language to describe their observations, using nonverbal communication to interact with animals or plants, and using digital modes to document their outdoor experiences, fostering a rich understanding of communication modalities. Engaging with Nature-themed Literacy Materials: Provide access to nature-themed books, stories, and other texts in outdoor learning environments, encouraging children	Promoting Outdoor Play and Physical Activity: Children will engage in outdoor play and physical activities that promote health and well-being. Children will participate in activities that encourage active play, such as running, jumping, climbing, and balancing, while also fostering an appreciation for nature and the outdoors. Exploring Patterns and Observations in Nature: Children will observe and explore patterns in nature, such as the changing seasons, animal behaviour, and plant growth.
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	Explore how seasons affect nature, such as observing changes in weather, plant growth, and animal behaviour throughout the year. Understand that nature follows a cycle of change and adaptation. Exploring Sustainable Practices: Learn about sustainable practices such as recycling, composting, and using renewable energy sources. Participate in hands-on activities that demonstrate sustainable living principles.	Participate in outdoor activities with family members, elders, and community members, such as gardening with grandparents or learning traditional games from older siblings. Develop positive relationships with family and community members while learning about outdoor traditions and practices. Participating in Community Gardening Projects: Engage in community gardening projects that promote sustainability and	Exploration: Encourage children to take initiative in pursuing their interests and goals related to outdoor learning and nature exploration, such as investigating different types of leaves, observing insects, or creating nature-inspired art, and supporting their curiosity and exploration. Building Connections with Nature: Provide opportunities for children to develop a deeper connection with nature through hands-on experiences, such as digging in the soil, listening to bird songs, or	to express their interest in literacy by engaging with these materials, fostering a love for reading and storytelling. Encouraging Storytelling and Creative Expression in Nature: Support children in using language and communication skills to create stories, songs, or poems inspired by their outdoor experiences, fostering creativity and imaginative expression in nature. Promoting Vocabulary Development through Nature Exploration: Introduce new vocabulary words	Children will engage in activities that involve making observations, recording data, and discussing patterns they observe in the natural world. Learning about Animal and Plant Life Cycles: Children will learn about the life cycles of animals and plants, from birth or seed to maturity and reproduction. Children will engage in activities that involve observing and exploring life cycles in their outdoor environment, such as watching tadpoles grow into frogs or planting seeds and watching them grow into plants. Understanding the Importance of Biodiversity:
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	Fostering a Connection to the Land: Develop a sense of connection and belonging to the land through activities like gardening, nature walks, and storytelling. Understand that they are part of a larger ecosystem and have a responsibility to care for the land. Encouraging Curiosity and Inquiry: Encourage children to ask questions, make observations, and investigate their surroundings. Develop critical	food security. Learn about the importance of community collaboration and cooperation in caring for the environment and providing for the community's needs. Exploring Nature Through Cultural Lenses: Learn about how different cultures perceive and interact with nature, such as through storytelling, art, or spiritual practices. Understand the cultural significance of natural landmarks, plants, and animals.	feeling different textures of plants, fostering an appreciation for the natural world. Developing Environmental Stewardship Skills: Support children in developing environmental stewardship skills, such as caring for plants, composting organic materials, and respecting wildlife habitats, to foster a sense of responsibility and care for the environment. Fostering a Sense of Pride and Accomplishment: Recognize and celebrate children's	related to nature during outdoor activities, such as naming different plants, animals, and natural phenomena, and encourage children to use these words in their communication, expanding their vocabulary and language skills. Fostering a Positive Attitude towards Communication and Literacy: Celebrate children's efforts in using language and communication skills during outdoor learning experiences, fostering a sense of pride and accomplishment in their ability to express themselves effectively and engage with the natural world through	Children will learn about the importance of biodiversity for healthy ecosystems and human well-being. Children will engage in activities that promote awareness of different plant and animal species in their outdoor environment and explore their roles within ecosystems. Promoting Outdoor Inquiry and Problem-Solving: Children will engage in outdoor inquiry and problem-solving activities that encourage critical thinking and creativity. Children will participate in activities that involve asking questions, making predictions, and
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	thinking skills and a sense of wonder about the natural world. Promoting Outdoor Learning Experiences: Provide opportunities for structured outdoor learning experiences, such as nature scavenger hunts, plant identification, or outdoor art projects. Foster a love of learning and exploration in nature while promoting sustainability principles.	Creating Outdoor Art Inspired by Culture: Engage in outdoor art activities that are inspired by cultural symbols, patterns, and traditions. Express cultural identity and heritage through creative expression in nature. Participating in Nature-Based Cultural Rituals: Participate in nature-based rituals and customs from different cultures, such as offering gratitude to the land or performing ceremonies to mark seasonal	contributions to outdoor learning and nature exploration activities, fostering a sense of pride and accomplishment in their role as active participants in their learning community and stewards of the environment.	literacy.	experimenting to find solutions to real-world challenges in their outdoor environment. Introducing Simple Technology for Outdoor Exploration: Children will be introduced to simple technology tools such as magnifying glasses, binoculars, or digital cameras for outdoor exploration. Children will engage in activities that involve using technology to observe, record, and document their outdoor discoveries. Encouraging Environmental Advocacy and Action: Children will learn about the importance of advocating for the
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		changes. Develop a sense of connection to nature and cultural identity through meaningful outdoor rituals. Contributing to Community Environmental Projects: Participate in community environmental projects that promote sustainability and well-being, such as tree planting initiatives or beach clean-ups. Understand the importance of taking care of the environment for the well-being of the community and future generations.			environment and taking action to protect nature. Children will engage in activities that empower them to speak up for the environment, such as participating in community clean-up events, planting trees, or creating signs to raise awareness about environmental issues.
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