

Teaching Sustainability Through The Sustainability Development Goals - SDGS

SDG 1 - No Poverty - 5-18 Years. Generic Curriculum For Scotland / England / Wales /Northern Ireland /Ireland / New Zealand USA/ Australia /Canada



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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)

Key Stage 1 - Infants - Level 1 SGD1 - No Poverty

Sustainability Development Goal	Sustainability Development Goal	Learning Objective
No Poverty	Understanding Sustainability	Learners will be able to identify the concept of poverty and explain its impact on individuals and communities, while also demonstrating an understanding of sustainability by proposing simple actions they can take to reduce poverty and promote a more sustainable future in their school or local community."
	Environmental awareness	Learners will be able to recognise the connection between poverty and environmental sustainability, identifying how poverty can both contribute to and result from environmental degradation. They will demonstrate an understanding of simple actions they can take to protect the environment, reduce poverty, and promote a more sustainable world."
	Environmental Stewardship	Learners will understand the relationship between poverty and environmental sustainability, recognising how poverty can be both a

		cause and a consequence of environmental degradation. Through engaging activities and discussions, they will develop a sense of environmental stewardship by identifying ways they can help alleviate poverty while also caring for the environment, fostering a sense of responsibility towards creating a more equitable and sustainable world for all."
	Waste Management	Learners will be able to understand the connection between poverty and waste management, recognizing how improper waste disposal can contribute to poverty by polluting communities and harming livelihoods. Through hands-on activities and discussions, students will learn simple waste management practices such as recycling, composting, and reducing waste generation. They will also explore how responsible waste management can help alleviate poverty by creating job opportunities and preserving resources, empowering them to become stewards of their environment and advocates for sustainable practices in their communities
	Energy Conservation	Learners will understand the relationship between poverty and energy conservation, recognizing how access to affordable and sustainable energy can help alleviate poverty and improve quality of life. Through interactive activities and discussions, students will learn about simple energy-saving practices such as turning off lights when not in use, unplugging electronics, and using natural lighting whenever possible. They will also explore how using energy efficiently can reduce household expenses, making energy more accessible to low-income families and contributing to the goal of ending poverty. Learners will be empowered to take action by conserving energy both at school and at home, promoting a more sustainable and equitable future for all
	Biodiversity and Ecosystems	Learners will understand the importance of biodiversity and healthy ecosystems in alleviating poverty and promoting sustainable

		development. Through storytelling, exploration, and observation, students will learn about the diverse plants, animals, and habitats that make up ecosystems. They will recognize how poverty can both contribute to and be exacerbated by the loss of biodiversity, as well as the importance of preserving natural resources for future generations. Learners will engage in activities that foster empathy and appreciation for the natural world while also learning about simple actions they can take to protect biodiversity and support sustainable livelihoods in their communities
	Climate Change and Adaptation	Learners will understand the relationship between poverty and climate change, recognising how vulnerable communities are disproportionately affected by climate-related disasters and environmental changes. Through storytelling, interactive activities, and discussions, students will learn about the basic concepts of climate change, including its causes and impacts on people and the environment. They will explore how communities can adapt to the effects of climate change to reduce poverty and enhance resilience. Learners will also discuss simple ways they can contribute to climate change adaptation efforts in their school and local community, fostering a sense of responsibility and empathy towards those most affected by poverty and climate-related challenges
	Food and Agriculture	Learners will recognise the relationship between poverty and food security, understanding how access to nutritious food and sustainable agriculture practices can help alleviate poverty. Through interactive activities and discussions, learners will learn about the importance of agriculture in providing food, livelihoods, and economic opportunities for communities. They will explore basic concepts of sustainable farming such as crop rotation, composting, and water conservation. Learners will also discuss the impact of food waste on poverty and explore ways to reduce waste in their homes and communities. Learners will be able to identify simple actions they can take to support

		sustainable food production and help ensure access to nutritious food for all, contributing to the goal of ending poverty
	Water Conservation	Learners will understand the importance of water conservation in alleviating poverty and promoting sustainable development. Through hands-on activities, discussions, and visual aids, Learners will learn about the scarcity of clean water in many parts of the world and how it affects people living in poverty. They will explore simple water-saving practices such as turning off taps when not in use, fixing leaks, and using water responsibly in daily activities. Learners will also discuss the impact of water scarcity on agriculture, sanitation, and health, and brainstorm ways they can conserve water both at school and at home. By the end of the lesson, Learners will be able to demonstrate an understanding of the importance of water conservation in reducing poverty and promoting a more sustainable future for all
	Sustainable Transport and Urban Planning	Learners will understand the importance of sustainable transport and urban planning in alleviating poverty and creating inclusive, safe, and resilient cities. Through interactive activities, discussions, and visual aids, learners will learn about different modes of transportation and how they impact the environment and people's access to opportunities. They will explore the concept of sustainable transport, such as walking, cycling, and using public transportation, and discuss how these modes of transport can reduce air pollution, congestion, and greenhouse gas emissions. Learners will also learn about the role of urban planning in creating accessible and equitable communities, including the design of safe sidewalks, bike lanes, and public spaces. By the end of the lesson, Learners will be able to identify simple actions they can take to promote sustainable transport and urban planning in their neighborhoods, contributing to the goal of ending poverty and building sustainable cities for all

	Citizenship / Global Responsibility and Sustainable Development	Learners will understand the concept of global citizenship and their role in addressing poverty both locally and globally. Through storytelling, discussions, and collaborative activities, learners will explore the diverse needs and challenges faced by people living in poverty around the world. They will delve into the interconnectedness of communities and the importance of empathy, compassion, and responsibility towards those less fortunate. Learners will also discuss the ways in which individuals and communities can take action to alleviate poverty and promote social justice on a local and global scale. Learners will be able to demonstrate an understanding of their role as global citizens and identify concrete actions they can take to contribute to the goal of ending poverty and creating a more equitable and sustainable world for all
	Outdoor Learning and Connection to Nature	Learners will understand the connection between poverty alleviation and outdoor learning, recognising the importance of nature in promoting well-being and fostering a sense of interconnectedness. Through outdoor exploration, hands-on activities, and nature-based learning experiences, learners will develop an appreciation for the natural world and its role in supporting human livelihoods. They will explore how poverty affects access to outdoor spaces and resources, as well as the benefits of spending time in nature for physical and mental health. Learners will engage in activities that promote environmental stewardship and sustainable living practices, such as gardening, wildlife observation, and nature-inspired art. By the end of the lesson, learners will be able to articulate the importance of outdoor learning and nature connection in addressing poverty and creating a more equitable and sustainable future for all

Key Stage 2 - Juniors - Level 2- SGD1 - No Poverty

Sustainability Development Goal	Sustainability Development Goal	Learning Objective
No Poverty	Understanding Sustainability	Learners will be able to explain the concept of poverty and its relationship with sustainability. Through interactive discussions, case studies, and hands-on activities, learners will explore the impact of poverty on individuals, communities, and the environment. They will investigate how unsustainable practices can perpetuate poverty and contribute to environmental degradation. Learners will also identify and discuss sustainable solutions that can help alleviate poverty while promoting environmental stewardship and social equity. By the end of the lesson, learners will demonstrate an understanding of the interconnectedness between poverty and sustainability and propose actionable steps they can take to support sustainable development goals in their local and global communities.
	Environmental awareness	learners will understand the connection between poverty and environmental sustainability. Through interactive discussions, case studies, and hands-on activities, learners will explore how poverty can be both a cause and a consequence of environmental degradation. They will investigate the impact of unsustainable practices on natural resources, ecosystems, and the well-being of communities living in

		poverty. Learners will also identify and discuss solutions for addressing poverty while promoting environmental conservation and sustainable development. Learners will demonstrate an understanding of the importance of environmental awareness in alleviating poverty and propose actionable steps they can take to support both environmental sustainability and poverty reduction efforts in their local and global communities
	Environmental Stewardship	Learners will understand the role of Earth stewardship in addressing poverty and promoting sustainability. Through interactive discussions, case studies, and hands-on activities, learners will explore how poverty impacts both people and the planet, and how becoming stewards of the Earth can help alleviate poverty. They will investigate the importance of responsible resource management, conservation, and sustainable living practices in creating a more equitable and sustainable world. Learners will also identify and discuss ways they can contribute to Earth stewardship efforts in their local and global communities. Learners will demonstrate an understanding of their role as Earth stewards and propose actionable steps they can take to support poverty reduction and environmental sustainability goals
	Waste Management	Learners will understand the importance of waste management in alleviating poverty and promoting sustainability. Through interactive discussions, case studies, and hands-on activities, learners will explore how improper waste management can contribute to poverty by polluting communities, harming livelihoods, and exacerbating health issues. They will investigate the impact of waste on the environment, including land, water, and air pollution, and its disproportionate effects on disadvantaged communities. Learners will also identify and discuss sustainable waste management practices such as recycling, composting, and reducing waste generation. Learners will demonstrate an understanding of the role of waste management in poverty

		reduction and propose actionable steps they can take to support waste reduction and proper waste disposal efforts in their local and global communities.
	Energy Conservation	Learners will understand the importance of energy conservation in alleviating poverty and promoting sustainability. Through interactive discussions, case studies, and hands-on activities, learners will explore how access to affordable and sustainable energy can improve living conditions and economic opportunities, particularly for those living in poverty. They will investigate the environmental and social impacts of energy consumption and learn about the benefits of energy-efficient practices. Learners will also identify and discuss simple actions they can take to conserve energy in their daily lives, such as turning off lights when not in use, unplugging electronics, and using energy-efficient appliances. Learners will demonstrate an understanding of the role of energy conservation in poverty reduction and propose actionable steps they can take to support energy efficiency efforts in their local and global communities.
	Biodiversity and Ecosystems	Learners will understand the importance of biodiversity and healthy ecosystems in alleviating poverty and promoting sustainability. Through interactive discussions, case studies, and hands-on activities, learners will explore how biodiversity loss and ecosystem degradation can impact livelihoods, food security, and overall well-being, particularly for communities living in poverty. They will investigate the interconnectedness of species and habitats, and the role of ecosystems in providing essential services such as clean air, water, and food. Learners will also identify and discuss threats to biodiversity, including habitat destruction, pollution, and climate change, and explore strategies for biodiversity conservation and ecosystem restoration. By the end of the lesson, learners will demonstrate an understanding of the importance of biodiversity and ecosystems in

		poverty reduction and propose actionable steps they can take to support conservation efforts in their local and global communities
	Climate Change and Adaptation	Learners will understand the impact of climate change on poverty and the importance of adaptation strategies in building resilience. Through interactive discussions, case studies, and hands-on activities, learners will explore how climate change exacerbates existing vulnerabilities and contributes to poverty through its effects on agriculture, water resources, health, and livelihoods. They will investigate adaptation measures that can help communities mitigate the impacts of climate change and reduce poverty, such as improved agricultural practices, disaster preparedness, and sustainable land management. Learners will also identify and discuss the role of individuals and communities in climate change adaptation efforts, including advocacy for climate action and supporting vulnerable populations. Learners will demonstrate an understanding of the relationship between climate change and poverty, and propose actionable steps they can take to support adaptation initiatives in their local and global communities
	Food and Agriculture	Learners will understand the connection between food security, poverty alleviation, and sustainable agriculture. Through interactive discussions, case studies, and hands-on activities, learners will explore how access to nutritious food and sustainable farming practices can help alleviate poverty and promote long-term economic development. They will investigate the challenges faced by smallholder farmers, food insecure communities, and marginalized populations, and the role of agriculture in providing livelihoods and economic opportunities. Learners will also identify and discuss sustainable agricultural practices, such as agroecology, crop diversification, and soil conservation, and their benefits for both people and the planet. Learners will demonstrate an understanding of the importance of food and agriculture in poverty reduction and propose actionable steps they

		can take to support sustainable food systems in their local and global communities
	Water Conservation	Learners will understand the importance of water conservation in alleviating poverty and promoting sustainability. Through interactive discussions, case studies, and hands-on activities, learners will explore how access to clean water and proper water management can improve living conditions, health, and economic opportunities, particularly for communities living in poverty. They will investigate the challenges faced by water-stressed regions, water scarcity, and the impacts of water pollution on ecosystems and human health. Learners will also identify and discuss water conservation strategies, such as reducing water waste, harvesting rainwater, and using water-efficient technologies. Learners will demonstrate an understanding of the role of water conservation in poverty reduction and propose actionable steps they can take to support water conservation efforts in their local and global communities
	Sustainable Transport and Urban Planning	Learners will understand the importance of sustainable transport and urban planning in alleviating poverty and promoting sustainable development. Through interactive discussions, case studies, and hands-on activities, learners will explore how access to affordable and efficient transportation options and well-planned urban environments can improve access to education, healthcare, and job opportunities, particularly for marginalized communities. They will investigate the environmental, social, and economic impacts of unsustainable transportation and urban sprawl on communities and ecosystems. Learners will also identify and discuss sustainable transport and urban planning strategies, such as promoting public transit, building pedestrian and cycling infrastructure, and creating green spaces. Learners will demonstrate an understanding of the role of sustainable transport and urban planning in poverty reduction and propose

		actionable steps they can take to support sustainable transportation and urban development in their local and global communities.
	Citizenship / Global Responsibility and Sustainable Development	Learners will understand the concept of global citizenship and their role in addressing poverty both locally and globally. Through interactive discussions, case studies, and collaborative activities, learners will explore the root causes of poverty and its impact on individuals and communities around the world. They will analyze the importance of empathy, compassion, and responsible decision-making in promoting social justice and equality. Learners will also investigate the role of governments, organizations, and individuals in addressing poverty and promoting sustainable development. Learners will be able to demonstrate an understanding of their role as global citizens and identify actionable steps they can take to contribute to the goal of ending poverty and creating a more equitable and sustainable world for all
	Outdoor Learning and Connection to Nature	Learners will understand the importance of outdoor learning and their connection to nature in promoting well-being and fostering a sense of stewardship. Through experiential activities, exploration, and reflection, learners will explore how spending time outdoors can enhance their understanding of the natural world and contribute to a sense of belonging and responsibility towards the environment. They will investigate the benefits of outdoor learning for physical and mental health, creativity, and academic achievement, particularly for communities facing poverty. Learners will also identify and discuss ways to connect with nature sustainably, including nature observation, gardening, and conservation activities. Learners will demonstrate an understanding of the role of outdoor learning and their connection to nature in poverty reduction and propose actionable steps they can take to support outdoor learning experiences and environmental stewardship in their local and global communities.



Key Stage 3 - Middle School - Level 3- SGD1 - No Poverty

Sustainability Development Goal	Sustainability Development Goal	Learning Objective
No Poverty	Understanding Sustainability	Learners will develop a comprehensive understanding of the relationship between poverty alleviation and sustainability. Through critical analysis, case studies, and interactive discussions, learners will explore how sustainable practices can contribute to poverty reduction and promote long-term economic and social well-being. They will investigate the interconnectedness of economic, social, and environmental factors in achieving sustainable development goals, including access to basic needs, equitable resource distribution, and environmental conservation. Learners will also examine the principles of sustainability, such as intergenerational equity, resilience, and biodiversity conservation, and their relevance to poverty alleviation efforts. Learners will demonstrate an understanding of the importance of sustainability in addressing poverty and propose actionable steps

		they can take to support sustainable development initiatives in their local and global communities
	Environmental awareness	learners will develop a comprehensive understanding of the intersection between poverty and environmental awareness. Through critical analysis, case studies, and interactive discussions, learners will explore how poverty and environmental degradation are intertwined, and how raising environmental awareness can contribute to poverty reduction. They will investigate the impacts of environmental degradation on vulnerable communities and ecosystems, including access to clean water, air pollution, and loss of biodiversity. Learners will also examine the importance of sustainable resource management and conservation practices in addressing poverty and promoting social equity. Learners will demonstrate an understanding of the role of environmental awareness in poverty alleviation and propose actionable steps they can take to promote environmental sustainability and social justice in their local and global communities
	Environmental Stewardship	Learners will understand the relationship between poverty alleviation and environmental stewardship. Through critical analysis, case studies, and interactive discussions, learners will explore how poverty and environmental degradation are interconnected, and how environmental stewardship can contribute to poverty reduction. They will investigate the impacts of unsustainable resource use and pollution on vulnerable communities and ecosystems, and the importance of conserving natural resources for long-term economic development. Learners will also examine strategies for environmental stewardship, including sustainable consumption, conservation initiatives, and advocacy for environmental protection. Learners will demonstrate an understanding of the role of environmental stewardship in poverty alleviation and propose actionable steps they can take to promote environmental sustainability and social equity in their local and global communities

	Waste Management	Learners will understand the importance of waste management in poverty reduction and sustainable development. Through critical analysis, case studies, and interactive discussions, learners will explore how improper waste management contributes to poverty by polluting communities, harming livelihoods, and exacerbating health issues. They will investigate the environmental and social impacts of waste generation and disposal, including landfill pollution and marine debris, and the disproportionate effects on disadvantaged populations. Learners will also examine strategies for waste management, including waste reduction, recycling, composting, and proper disposal practices. Learners will demonstrate an understanding of the role of waste management in poverty alleviation and propose actionable steps they can take to support waste reduction and proper waste disposal efforts in their local and global communities
	Energy Conservation	Learners will recognize the importance of energy conservation in poverty reduction and sustainable development. Through critical analysis, case studies, and interactive discussions, learners will explore how access to affordable and sustainable energy can improve living conditions, economic opportunities, and health outcomes for individuals and communities living in poverty. They will investigate the environmental and social impacts of energy consumption, including greenhouse gas emissions and air pollution, and the disproportionate effects on vulnerable populations. Learners will also examine strategies for energy conservation, including energy-efficient technologies, renewable energy sources, and behavioral changes. Learners will demonstrate an understanding of the role of energy conservation in poverty alleviation and propose actionable steps they can take to support energy efficiency initiatives in their local and global communities

	Biodiversity and Ecosystems	Learners will grasp the significance of biodiversity and healthy ecosystems in poverty reduction and sustainable development. Through critical analysis, case studies, and interactive discussions, learners will explore how biodiversity loss and ecosystem degradation can exacerbate poverty by impacting livelihoods, food security, and access to clean water. They will investigate the interconnectedness of species and habitats, and the role of ecosystems in providing essential services such as climate regulation, pollination, and soil fertility. Learners will also examine threats to biodiversity, including habitat destruction, pollution, and climate change, and strategies for biodiversity conservation, such as protected areas, restoration projects, and sustainable land management practices. Learners will demonstrate an understanding of the importance of biodiversity and ecosystems in poverty reduction and propose actionable steps they can take to support conservation efforts in their local and global communities
	Climate Change and Adaptation	Learners will comprehend the intersectionality between poverty alleviation and climate change adaptation. Through critical analysis, case studies, and interactive discussions, learners will explore how poverty exacerbates vulnerability to climate change impacts and conversely, how climate change exacerbates poverty. They will investigate the disproportionate effects of climate change on marginalized communities and the challenges they face in adapting to changing climatic conditions. Learners will also examine strategies for climate change adaptation, including resilient infrastructure, sustainable land management, and community-based adaptation initiatives. Learners will demonstrate an understanding of the importance of climate change adaptation in poverty reduction and propose actionable steps they can take to support adaptation efforts in their local and global communities
	Food and Agriculture	Learners will understand the intricate relationship between food

		security, poverty alleviation, and sustainable agriculture. Through critical analysis, case studies, and interactive discussions, learners will explore how access to nutritious food and sustainable farming practices can help alleviate poverty and promote long-term economic development. They will investigate the challenges faced by smallholder farmers, food insecure communities, and marginalized populations, and the role of agriculture in providing livelihoods and economic opportunities. Learners will also examine sustainable agricultural practices, such as agroecology, crop diversification, and soil conservation, and their benefits for both people and the planet. Learners will demonstrate an understanding of the importance of food and agriculture in poverty reduction and propose actionable steps they can take to support sustainable food systems in their local and global communities
	Water Conservation	Learners will understand the vital role of water conservation in poverty reduction and sustainable development. Through critical analysis, case studies, and interactive discussions, learners will explore how access to clean water and proper water management can improve living conditions, health, and economic opportunities for individuals and communities living in poverty. They will investigate the challenges posed by water scarcity, pollution, and inefficient water use, and the impacts of these challenges on vulnerable populations. Learners will also examine strategies for water conservation, including reducing water waste, implementing water-saving technologies, and promoting water reuse and recycling. Learners will demonstrate an understanding of the importance of water conservation in poverty alleviation and propose actionable steps they can take to support water conservation efforts in their local and global communities
	Sustainable Transport and Urban Planning	Learners will understand the significance of sustainable transport and urban planning in poverty reduction and sustainable development.

		Through critical analysis, case studies, and interactive discussions, learners will explore how access to affordable, efficient, and environmentally friendly transportation options can enhance economic opportunities and quality of life for individuals and communities living in poverty. They will investigate the role of urban planning in creating accessible, inclusive, and resilient cities, addressing issues such as housing affordability, public space design, and infrastructure development. Learners will also examine sustainable transport and urban planning strategies, such as promoting public transit, walking and cycling infrastructure, mixed-use development, and green space preservation. Learners will demonstrate an understanding of the importance of sustainable transport and urban planning in poverty alleviation and propose actionable steps they can take to advocate for and contribute to sustainable transportation and urban development initiatives in their local and global communities
	Citizenship / Global Responsibility and Sustainable Development	Learners will understand the concept of global citizenship and their role in addressing poverty and promoting sustainable development worldwide. Through critical analysis, discussion, and collaborative activities, learners will explore the root causes and consequences of poverty on a global scale. They will investigate the interconnectedness of poverty with issues such as inequality, climate change, and access to education and healthcare. Learners will also examine the responsibilities of individuals, communities, governments, and international organizations in addressing poverty and promoting social justice. Learners will demonstrate an understanding of their role as global citizens and propose actionable steps they can take to contribute to poverty reduction efforts and promote sustainable development goals in their local and global communities
	Outdoor Learning and Connection to Nature	Learners will understand the connection between poverty alleviation and outdoor learning, recognising the importance of nature in

		promoting well-being and fostering a sense of interconnectedness. Through experiential activities, exploration, and reflection, learners will explore how spending time outdoors can enhance their understanding of the natural world and contribute to personal growth and environmental stewardship. They will investigate the benefits of outdoor learning for physical and mental health, creativity, and community engagement, particularly for individuals facing poverty and social inequalities. Learners will also identify and discuss ways to connect with nature sustainably, including nature observation, wilderness exploration, and conservation activities. Learners will demonstrate an understanding of the role of outdoor learning and their connection to nature in poverty reduction and propose actionable steps they can take to support outdoor learning experiences and environmental stewardship in their local and global communities