

# The Sustainables Academy Experiences and Outcomes Designed to complement the Scottish Curriculum for Excellence

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## Curriculum Categories for Sustainability

### To support Education in Scotland

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

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There are 12 categories created to support sustainability teaching and learning from 3-18 years- these have been mapped to support learning across the levels in Scotland.



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Sustainability Experiences and outcomes	Early Years	Level One	Level Two	Level Three
<p><b>Understanding Sustainability (SUS1)</b></p>	<p>Develop a curiosity of our natural and man-made world. Understand what is man -made and natural. <b>(SUS1.0.1)</b></p> <p>Understand that items do not last, and we must take care of them. <b>(SUS1.0.2)</b></p> <p>Understand that we are responsible, and we must take care of our things and our world. <b>(SUS1.0.2)</b></p> <p>Investigate Decay in the natural world. <b>(SUS1.0.4)</b></p>	<p>Identify and define the concept of Sustainability. <b>(SUS1.1.1)</b></p> <p>Recognize the importance of sustainability for individuals, communities, and the environment. <b>(SUS1.1.2)</b></p> <p>Explore different examples of sustainable practices in daily life. <b>(SUS1.1.3)</b></p> <p>Explore real-world examples of sustainable practices . <b>(SUS1.1.4)</b></p>		

<p><b>Environmental Awareness (SUS2)</b></p>	<p>Explore different natural environments, such as gardens, parks, and forests. <b>(SUS.2.0.1)</b></p> <p>Engage in sensory experiences to discover the beauty and diversity of nature. <b>(SUS.2.0.2)</b></p> <p>Engage in sensory experiences in natural settings. <b>(SUS.2.0.3)</b></p> <p>Explore different textures, smells, and sounds in nature. <b>(SUS.2.0.4)</b></p> <p>Foster a sense of awe and appreciation for the natural world through sensory play. <b>(SUS.2.0.5)</b></p>	<p>Develop an understanding of the natural environment and its interconnectedness. <b>(SUS.2.1.1)</b></p> <p>Identify and describe different ecosystems and their components <b>(SUS2.1.2)</b></p>	<p>Investigate the impact of human activities on the environment. <b>(SUS.2.3.1)</b></p>	<p>Explore real-world examples of sustainable practices <b>(SUS2.4.21)</b></p>
<p><b>Environmental Stewardship (SUS3)</b></p>	<p>Foster a sense of responsibility for the environment. <b>(SUS.3.0/1/2.1)</b></p> <p>Encourage tidying up and keeping the environment clean and litter-free. <b>(SUS.3.0/1/2.2)</b></p>	<p>Develop a sense of responsibility and stewardship towards the environment. <b>(SUS.3.3.1)</b></p> <p>Explore strategies for environmental conservation and protection.</p>		

	Engage in discussions about the impact of pollution on nature and ways to protect it. <b>(SUS.3.0/1/2.3)</b>	Investigate the impact of human activities on natural resources and ecosystems. <b>(SUS.3.3.2)</b>	
<b>Waste Management (SUS4)</b>	<p>Reduce, Reuse, Recycle Learn about the concepts of reducing waste, reusing materials, and recycling. <b>(SUS.4.0.1)</b></p> <p>Sort and classify materials based on their recyclability- Remembering the circular economy. <b>(SUS.4.0.2)</b></p> <p>Participate in simple recycling activities within the early years setting. <b>(SUS.4.0.3)</b></p> <p>Engage in discussions about recycling and reducing waste with family members. <b>(SUS.4.0.4)</b></p>	<p>Investigate the importance of reducing, reusing, and recycling waste. <b>(SUS.4.1/2/3.1)</b></p> <p>Identify different types of waste and their potential environmental impact. <b>SUS.4.1/2/3.2)</b></p> <p>Explore strategies for reducing waste generation and promoting responsible disposal. <b>SUS.4.1/2/3.3)</b></p>	<p>Analyse waste management systems and explore strategies for waste reduction. <b>SUS.4.4.1)</b></p> <p>Investigate the principles and benefits of the circular economy. <b>SUS.4.4.2)</b></p> <p>Examine innovative approaches to recycling, upcycling, and resource recovery. <b>SUS.4.4.3)</b></p>
<b>Energy Conservation (SUS5)</b>	Promote sustainable practices at home, such as conserving water and energy <b>(SUS5.0.1)</b>	<p>Understand the importance of conserving energy resources. <b>(SUS5.2/3.1)</b></p> <p>Identify different sources of energy and their impact on the environments. <b>(SUS5.2/3.2)</b></p>	<p>Investigate different sources of energy and their impact on the environment. <b>(SUS5.4.1)</b></p> <p>Explore renewable energy technologies and their</p>

		<p>Explore ways to reduce energy consumption and promote sustainable energy practices. <b>(SUS5.2/3.3)</b></p>	<p>potential for sustainable development. <b>(SUS5.4.2)</b></p> <p>Promote energy conservation and strategies for transitioning to clean energy sources. <b>(SUS5.4.3)</b></p>
<b>Biodiversity and Ecosystems (SUS6)</b>	<p>Explore ways to create a sustainable home environment, such as growing plants or composting. <b>(SUS 6.0.1)</b></p> <p>Develop empathy and care for plants and animals. <b>(SUS 6.0.2)</b></p> <p>Learn about the basic needs of living things and their importance. <b>(SUS 6.0.3)</b></p>	<p>Investigate the importance of biodiversity for ecosystem stability. <b>(SUS 6.1/2/3.1)</b></p> <p>Explore different habitats and their significance for various species. <b>(SUS 6.1/2/3.2)</b></p> <p>Understand the threats to biodiversity and ways to protect and preserve ecosystems. <b>(SUS 6.1/2/3.3)</b></p> <p>Identify Not for Profit organisation who help to support the environment and their impact. <b>(SUS 6.1/2/3.4)</b></p>	<p>Understand the importance of biodiversity for ecosystem resilience and human well-being. <b>(SUS 6.4.1)</b></p> <p>Investigate threats to biodiversity and explore strategies for conservation. <b>(SUS 6.4.2)</b></p> <p>Analyse the role of protected areas and sustainable land management in biodiversity preservation. <b>(SUS 6.4.3)</b></p>
<b>Food and Agriculture (SUS7)</b>	<p>Explore the connection between food, health, and sustainability. <b>(SUS 7.0.1)</b></p>	<p>Explore the concepts of sustainable agriculture and responsible food consumption. <b>(SUS 7.1/2/3.1)</b></p> <p>Investigate the impact of agriculture on the environment, including issues related to soil health and water usage.</p>	<p>Explore the global food system and its environmental and social impacts. <b>(SUS 7.4.1)</b></p>

	<p>Learn about the benefits of eating local and seasonal produce.  <b>. (SUS 7.0.2)</b></p> <p>Participate in activities that promote healthy eating and sustainable food choices.  <b>(SUS 7.0.3)</b></p>	<p>Recognize the importance of local and organic food production. <b>(SUS 7.1/2/3.1)</b></p> <p>Understand the role of Fair Trade and its role in environmental food production.  <b>SUS 7.1/2/3.2)</b></p>	<p>Investigate the environmental and social impact of food choices.  <b>(SUS 7.3.1)</b></p> <p>Investigate Food Miles both Locally and internationally.  <b>(SUS 7.3.2)</b></p>	<p>Investigate sustainable agricultural practices and alternative food production methods.  <b>(SUS 7.4.2)</b></p> <p>Analyse the role of food choices and policies in promoting sustainable food systems.  <b>(SUS 7.4.3)</b></p>
<p><b>Climate Change and Adaptation (SUS8)</b></p>	<p>Observe and document changes in weather and seasons.  <b>. (SUS 8.0.1)</b></p> <p>Understand the impact of weather on the natural environment.  <b>. (SUS 8.0.2)</b></p> <p>Explore seasonal activities and their connection to sustainability (e.g., planting in spring and crops)  <b>. (SUS 8.0.3)</b></p>	<p>Understand types of weather and their impact.  <b>. (SUS 8.1/2/3.1)</b></p> <p>Understand the types of weather and temperatures experienced in different global zones.  <b>(SUS 8.1/2/3.2)</b></p> <p>Understand the concept of climate change and its causes.  <b>(SUS 8.1/2/3.3)</b></p> <p>Understand the concept of Carbon Footprint  <b>(SUS 8.1/2/3.4)</b></p> <p>Investigate the potential impacts of climate change on the environment and communities.  <b>(SUS 8.1/2/3.5)</b></p> <p>Explore strategies for adapting to and mitigating the effects of climate change.  <b>(SUS 8.1/2/3.6)</b></p>	<p>Investigate the causes and impacts of climate change at local and global scales.  <b>(SUS 8.4.1)</b></p> <p>Explore strategies for mitigating greenhouse gas emissions and promoting climate resilience.  <b>(SUS 8.4.2)</b></p> <p>Analyse the role of individuals, communities,</p>	

				and governments in addressing climate change. <b>(SUS 8.4.3)</b>
<b>Water Conservation (SUS9)</b>	<p>Understand the different types of precipitation and how they can change with the seasons. <b>(SUS 9.0.1)</b></p> <p>Explore and experience changes in water from liquid solid and gas. <b>(SUS 9.0.2)</b></p> <p>Understand Collecting and rainwater harvesting. <b>(SUS 9.0.3)</b></p> <p>See the impact of water on living things. <b>(SUS 9.0.4)</b></p>	<p>Understand the Water Cycle and investigate the changes in water from liquid, solid and gas. <b>(SUS 9.1.1)</b></p> <p>Understand the different types of water that occur in nature from fresh water and sea water, glaciers, and icebergs and how they are affected by climate change. <b>(SUS 9.1.2)</b></p> <p>Understand our water systems both</p>	<p>Understand the importance of water conservation and responsible water usage. <b>(SUS 9.2/3.1)</b></p> <p>Investigate the water cycle and the impact of human activities on water resources. <b>SUS 9.2/3.2)</b></p> <p>Explore strategies for conserving water and protecting water quality. <b>SUS 9.2/3.3)</b></p> <p>Learn about the impact of flood and drought and natural disasters. <b>SUS 9.2/3.4)</b></p>	<p>Understand the importance of water resources and their sustainable Management <b>(SUS 9.4.1)</b></p> <p>Investigate water pollution, scarcity, and conservation strategies. <b>(SUS 9.4.2)</b></p> <p>Analyse the social, economic, and environmental dimensions of water resource management. <b>(SUS 9.4.3)</b></p>



		natural and man-made <b>(SUS 9.1.3)</b>	
<b>Sustainable Transport and Urban Planning (SUS10)</b>		<p>Explore different modes of sustainable transportation and their benefits. <b>(SUS 10.1/2/3.1)</b></p> <p>Investigate the impact of transportation on the environment, including air pollution and carbon emissions. <b>(SUS 9.1/2/3.2)</b></p> <p>Promote sustainable transport choices and alternatives to private car usage, <b>(SUS 10.1/2/3.1.3)</b></p> <p>Investigate PassiHause Building – Homes and Schools <b>(SUS 10.1/2/3.1.4)</b></p>	<p>Investigate sustainable transportation systems and their role in reducing emissions. <b>(SUS 10.4.1)</b></p> <p>Analyse the design and planning principles for sustainable cities and communities. <b>(SUS 10.4.2)</b></p> <p>Explore strategies for promoting active transportation, public transit, and efficient urban mobility. <b>(SUS 10.4.3)</b></p>
<b>Citizenship / Global Responsibility and Sustainable Development (SUS11)</b>	<p>Develop an understanding of global interdependence and sustainability. <b>(SUS11.0.1)</b></p> <p>Learn about different cultures and their relationship with the natural world. <b>SUS11.0.2)</b></p>	<p>Explore the United Nations Sustainable Development Goals and their relevance. <b>(SUS11.1/2/3/4.0)</b></p>	

	<p>Engage in activities that promote empathy and respect for diverse environments and communities. <b>(SUS11.0.3)</b></p>	<p>Develop an understanding of global interdependence and responsibility. <b>(SUS11.1/2/3/.1)</b></p> <p>Explore sustainable development goals and their relevance to local and global communities. <b>(SUS11.1/2/3/.2)</b></p> <p>Recognize the role of individuals in promoting sustainable practices and taking collective action. <b>(SUS11.1/2/3/.3)</b></p>	<p>Foster a sense of global citizenship and responsibility towards sustainable development. <b>(SUS11.4.1)</b></p> <p>Engage in critical thinking and collaborative action to address global sustainability challenges. <b>(SUS11.4.1)</b></p>
<p><b>Outdoor Learning and Connection to Nature (SUS12)</b></p>	<p>Prioritize outdoor play and exploration in natural settings. <b>(SUS12.0.1)</b></p> <p>Foster a sense of adventure and curiosity in outdoor environments. <b>(SUS11.0.2)</b></p> <p>Engage in activities that encourage physical activity and connection to nature. <b>(SUS11.0.3)</b></p>	<p>Recognize the value of outdoor learning and its benefits for personal and environmental well-being. <b>(SUS11.1/2/3/4.1)</b></p> <p>Engage in practical activities that foster a connection to nature and promote sustainability. <b>(SUS11.1/2/3/4.2)</b></p> <p>Explore the local environment and participate in environmental conservation efforts. <b>(SUS11.1/2/3/4.3)</b></p> <p>Explore the local environment and participate in environmental conservation efforts. <b>(SUS11.1/2/3/4.4)</b></p>	