

Year 2 – Sustainability and Eco curriculum

(Covered across the PSHE, science and Geography curriculums. Kapow structures its sustainability across five strands: Appreciation of nature, Interdependence, Resources and waste, Climate change and Individual and collective responsibilities.)

Vocabulary: Environment, food chain, fumes, habitat, human feature, needs, physical feature, reuse, survival, transport, wants

Appreciation of nature	Interdependence	Resources and waste	Climate change
<p><u>Biodiversity:</u> To compare a wide variety of animals and plants.</p> <p>To begin to group living things by their features.</p> <p>To know that some animals and plants can only live in certain places.</p> <p>To know the features of some common animals and plants.</p> <p><u>Environments:</u> To compare the features of environments from around the world.</p> <p>To know that a 'habitat' is an environment where plants and animals live.</p> <p><u>Wonder:</u></p>	<p><u>Needs:</u> To classify things that are living, dead, and things that have never been alive, using some of the life processes.</p> <p>To create food chains to show the food different animals, including humans, eat.</p> <p>To know that animals live in a place (habitat) that provides for their needs.</p> <p><u>Relationships:</u> To suggest other ways that animals, including humans, use plants (e.g. shelter).</p> <p>To know that living things depend upon each other (e.g. for food and shelter).</p>	<p><u>Use of non-living natural resources:</u> To identify how important foods, objects and materials are for human survival.</p> <p>To recognise that some objects or materials can be used to solve many different problems (e.g. wood can be used to create furniture, make paper or be burnt to create heat).</p> <p>To know that some things humans use are essential to their survival and others are not (i.e. needs vs wants).</p> <p><u>Waste:</u> To suggest ways to reuse everyday items.</p>	<p><u>Understanding climate change:</u> To identify weather in different parts of the world.</p> <p>To know that weather is different around the world.</p> <p><u>Human Impact on climate change:</u> To describe ways to keep the school clean.</p> <p>To know that humans can help keep the air and land clean and create less waste.</p> <p><u>Effects of climate change:</u> To describe different habitat from around the world.</p> <p>To explain which animals and plants belong in which habitats.</p>

<p>To recognise and express wonder at some of the world's natural features and environments.</p>		<p>To explain why littering can be harmful to animals.</p> <p>To know that items, like bags or containers, reduces waste.</p> <p>To know that waste which is not recyclable can remain on Earth for a very long time.</p>	<p>To describe how different weather conditions allow different plants to grow.</p> <p>To describe how animals depend on plants for food and shelter.</p> <p>To know that plants and animals need specific weather to grow and survive in different places around the world.</p>
--	--	---	--

Individual and collective responsibility

Taking action:

- To follow steps to complete a simple project with others.
- To know that projects involve planning and doing tasks.

Working together:

- To work with people who have different ideas to achieve a goal.
- To know that different people bring different ideas to a group.

Making a difference:

- To identify local problems and suggest solutions.
- To know that small actions can lead to visible changes.

Kapow Sustainability Lesson:
How can our journey to school help the environment?

Learning objective

- To identify how travel choices can help protect the environment.

Success criteria

- I can explain how different ways of travelling to school affect the environment.
- I can suggest the benefits of walking, cycling or scootering to school.
- I can contribute ideas for a school action plan.
- I can make materials to share the action plan with others at school.

Vocabulary

- **air**
- **cycle**
- **environment**
- **exercise**
- **fumes**
- **transport**
- **travel**

Enrichment opportunities:

- Trip to British Wildlife Centre
- Gardening with Claire Hill
- Outdoor learning / pond dipping / woodland
- Feeling Good Week
- Endangered animals dance workshop

Suggestion:

- Wild about Britain workshop: <https://www.wildaboutbritain.org.uk/>

