


Yarm Primary School

Year 4

Enquiry question: How do we grow our best future?

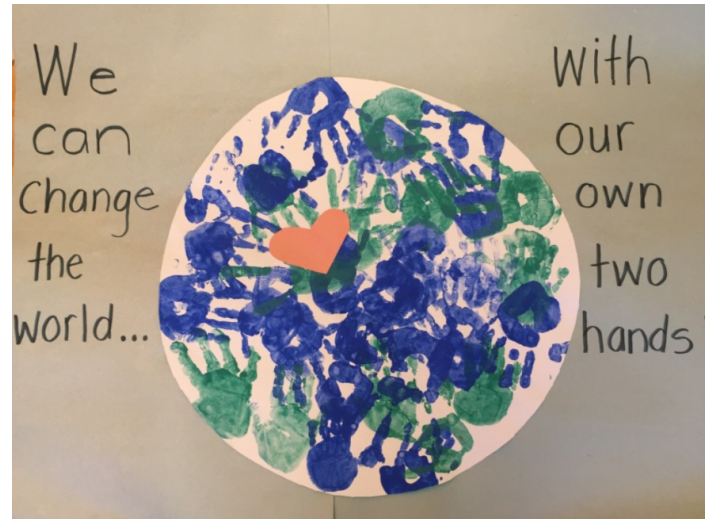
			Sticky Knowledge
Global warming	The increase in Earth's average temperature over a long period of time.	<p>Welcome back! Our first topic will be 'Growing together' where we will be exploring how to support growth in the local environment as well as how we can have a positive impact on wider issues that affect the world.</p> <p>On the reverse, you will find some suggestions that you could carry out to enhance your learning around this theme should you wish. These are just suggestions and you are more than welcome to add your own.</p> 	<p>Air, light, water, nutrients and room are needed to grow plants or vegetables.</p> <p>Climate change is affecting wildlife all over the world as well as humans.</p> <p>The planet is warming much faster than it has over human history. The extra heat is warming up the water and melting the ice in the Arctic.</p> <p>Reduce, Reuse, Recycle is one of the ways that you can help to reduce your carbon footprint.</p>
Carbon dioxide	A gas released by the burning of coal, natural gas, oil and wood that traps heat in the atmosphere.		
Greenhouse effect	The greenhouse effect is a process that occurs when gases in Earth's atmosphere trap the Sun's heat. This process makes Earth much warmer than it would be without an atmosphere. The greenhouse effect is one of the things that makes Earth a comfortable place to live.		
climate	The pattern of the weather conditions over a long period of time for a large area.		
habitat	The natural home or environment of an animal, plant or other organism		
Carbon footprint	The amount of carbon dioxide one human releases into the environment in a year.		
organism	An individual animal or plant		
Deforestation	Clearing a wide area of trees		
Plastic pollution	Polluting the environment with disposable plastic.		
Sustainability	To not use too many natural resources so that there is enough for future generations.		

Can you plant and grow either a vegetable or plant? What does it need to grow? Can you record how much it grows over the 6 weeks?

What do you do in your home to help our environment? Create a leaflet to promote one way to help our environment.

Create a painting or drawing showing an animal in its natural habitat.

Find some facts out about an environmental charity of your choice.



Create a habitat in a box. What things do they need to survive?

Go on a nature walk- how many different trees, animals or plants can you spot. Take some photos and create a nature collage.

Be creative- what can you make entirely from recycled materials?