

**One big question:** What are the effects of global warming and what are the solutions to this problem?

**One big product:** Pallet furniture

**One big community deed:** Spital light switch off

**One big trip:** Southport Eco Centre

**VIP: (Very Inspirational Person):** Greta Thurnberg

#### **As geographers we will...**

- ... Research the causes of global warming
- ... Investigate our carbon footprint
- ... Understand the impact of global warming on our environment
- ... Investigate renewable energy
- ... Investigate food miles
- ... Produce a walking bus
- ... Complete an energy switch off
- ... Examine the air quality of different countries

#### **As designers we will...**

- ... Research the design and properties of pallet furniture
- ... Create prototypes
- ... Practise different joining methods
- ... Create pallet furniture

#### **As scientists we will...**

- ... Examine how humans and animals have evolved and adapted as the environment has changed
- ... Investigate the positives and negatives of genetic engineering on our world

#### **As artists we will...**

- ... Sketch our own window view
- ... Research the work of Monet and Lowry as inspiration for our own work
- ... Create artwork in the style of our focus artists
- ... Experiment with tactile and visual elements in our work
- ... Evaluate our own and our peers' artwork

#### **Y6 Environment topic – What are the effects of global warming and what are the solutions?**



*To inspire, motivate and challenge our learners to explore the environment, value its purpose and feel empowered to become a responsible global citizen.*

#### **As philosophers we will...**

- ... Identify which communities we are part of
- ... Identify our responsibilities as part of a global community
- ... To reflect on the work of Greta Thurnberg

#### **As writers we will...**

- ... Produce a debate of the positives and negatives of nuclear power
- ... Describe the devastating effects of Chernobyl
- ... Write a newspaper report about the Chernobyl disaster
- ... Use the book, 'Floodland' as a stimulus for our writing

#### **As computer scientists we will...**

- ... Research a variety of topics
- ... Use an online tool to calculate our carbon footprint
- ... Use a VR headset to visualise the effects of Chernobyl
- ... Record a news report on ipads
- ... Use Thinglink to describe the effects of global warming

#### **As historians we will...**

- ... Examine the industrial revolution
- ... Identify the location and spread of the effects of Chernobyl
- ... Understand the visible effects of Chernobyl
- ... Ask historical questions about the Chernobyl disaster

#### **As mathematicians we will...**

- ... Calculate our carbon footprint
- ... Measure materials for our pallet furniture
- ... Analyse data of air pollution in a variety of countries
- ... Measure the spread of radiation from Chernobyl