



# St Augustine's Year 8 Curriculum Journey

## Can mother nature be tamed?



### Onwards to Year 9

#### Are we drowning in plastics?



- What is the plastic problem?
- What are the causes of plastic pollution?
- What are the effects of plastic pollution?
- What are the solutions to the plastic problem?
- What can I do?



#### Why are glaciers known as nature's bulldozers?



- What was the extent of ice in the UK during the last period of glaciation?
- What is a glacier?
- How do glaciers form?
- How do glaciers sculpt the landscape?
- What social and economic activities take place in glaciated environments in the UK?
- Case study evaluation - Will the conflicts in the Lake District National Park ever be resolved?



#### Did Fukushima end the nuclear dream?

- Why are fossil fuels finite?
- Is there a threat to the UK's energy security?
- Fieldwork - Do people have opposing views on renewable energy?
- Should fracking play a part in the UK's energy mix?
- What happened at Fukushima in 2011?
- Should the UK build more nuclear power plants to meet its energy needs?

#### Will the Maldives be the first country to disappear due to climate change?



- What is climate change?
- What is the greenhouse effect?
- What evidence is there about climate change?
- What are the human causes of climate change?
- What are the physical causes of climate change?
- Case study evaluation - Will the Maldives be the first country to disappear due to climate change?
- What can be done to adapt and mitigate climate change?

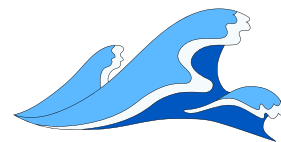


#### What lessons were learnt from the Kobe Earthquake 1995?

- How did the theory of Continental Drift come to be?
- What is the Earth's structure?
- What causes the Earth's tectonic plates to move?
- Where do earthquakes and volcanoes occur?
- What happens at a constructive plate boundary?
- What happens at a subduction zone?
- Case study evaluation - Were the primary effects of the Kobe earthquake 1995 more significant than secondary effects?
- What lessons did Japan learn from Kobe? A story of mitigation and preparation.



#### What caused the graves of Sister Kirk to fall into the North Sea?



- How does rock type determine the landscape?
- Why is the Earth's surface dynamic?
- What is a wave?
- How does weathering and erosion change the coastline?
- How does deposition change the coastline?
- How can we protect the landscape from coastal processes?
- Case study evaluation - How will you protect the Holderness Coast from future erosion.

