

What will we be learning?

Key facts

- Find out what plants need to stay healthy and describe how greenhouses help, including the biomes at the Eden Project.
 - Use observations and ideas to explain how doctors use science.
 - Describe Louis Pasteur's life and work.
 - Describe Charles Macintosh and his famous invention.
 - Describe what Rachel Carson learnt about ocean habitats.
 - Answer questions about the invention of wind turbines.
- The Eden Project is an eco-visitor attraction in Cornwall.
 - Louis Pasteur was a French chemist and microbiologist who proved that germs caused diseases.
 - Charles Macintosh was a Scottish chemist and the inventor of waterproof fabric.
 - Rachel Carson was an American marine biologist who investigated the effects of pesticides in water.

Key vocabulary

- **Biomes:** areas on earth that have similar characteristics, such as climate, animals and plants.
- **Bacteria:** tiny little organisms that are all around us. Most bacteria aren't dangerous, but some are. Antibiotics help us when they make us sick.
- **Waterproof:** water cannot pass through a material that is waterproof.
- **Absorbent:** materials that soak up water. The opposite to waterproof.
- **Pesticides:** chemicals used to control or kill unwanted pests.
- **Energy:** something that gives other objects power.

Key knowledge – what have you learned?

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ep The Eden Project



Rachel Carson



Louis Pasteur by Albert Edelfelt

