

# Scientists and Inventors—Year 2

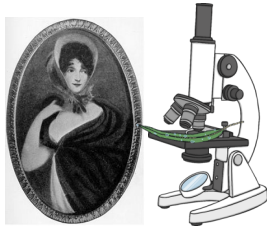
**Previous learning:**

In Year 1, you named the different parts of a plant. In Year 2, you learnt what plants need to be able to survive. In Year 2, you described the importance of hygiene, such as handwashing. You explored the suitability of materials based on their properties for a given purpose.

This unit looks back at some of the topics we have learnt this year and explores some famous scientists and inventors and their amazing discoveries!

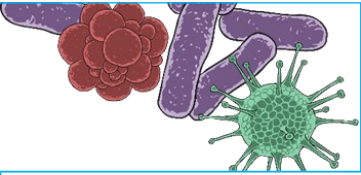


Tim Smit was the co-founder of the Eden Project. It opened in Cornwall in 2000. Inside the biomes are the world's largest indoor rainforests. Birds and insects can be found inside the biomes.



Jane Colden learnt all about plants. She discovered more about the plants in her local area. She was interested in observing how plants grow and drawing pictures showing parts of the plants in her gardens.

Key vocabulary	Definitions
biome	A biome is an area with similar weather, rainfall, temperature, plants and animals.
Eden Project	The 'Eden Project' has specially built 'biome' structures. These house lots of different plants.
botanist	They are scientists who study plants.
germs	They are tiny living things that cause diseases.
turbine	This turns wind into electricity.



These are some other interesting scientists and inventors that you will learn about in this unit.



Nicholas Grimshaw



Louis Pasteur



Rachel Carson

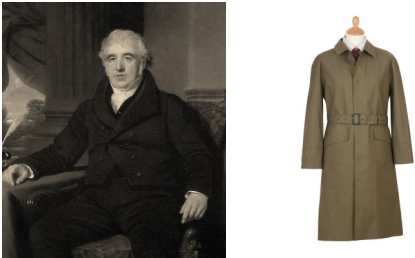


James Blyth

Germs are living things that can spread between objects and people, through touch or through the air.



Elizabeth Garrett Anderson was the first Englishwoman to qualify as a doctor. Doctors are scientists as they learn about the human body and how it works, ways in which to stay healthy and need to carry out tests and x-rays.



Raincoats are made from waterproof material to protect people from the rain. Waterproof describes a material where the water drops off and whatever is underneath keeps dry.

Food chains shows how living things are connected to each other through what they eat. Ocean food chains start with tiny animals and plants called plankton.



Water pollution can be caused by chemicals sprayed in gardens and farms spreading into the ocean.

**Future learning:**

In Year 3, you will be learning the names of other scientists and inventors and their discoveries linked to topics you have been studying.