



Year 2 - Scientists and Inventors - Working Scientifically

What I should already know

- Sticky knowledge from Year 1 and 2
- Working Scientifically skills from EYFS, Year 1 and Year 2.



Vocabulary

biome	A biome is an area with similar weather, rainfall, temperature, plants and animals.
Botanist	Botanists are scientists who study plants.
germs	Germs are tiny living things that can cause diseases.
turbine	A turbine turns wind into electricity.
waterproof	If a fabric is waterproof, water can not soak through it.
renewable	A natural substance that is not replenished.
Non-renewable	A resource that can be used repeatedly and does not run out.

Working Scientifically

- Make observations using scientific equipment.
- Use evidence to pose further questions.
- Use their observations and ideas to suggest answers to questions.
- Gathering and record data to help in answering questions.

Sticky Knowledge

- ◆ Greenhouses invented at the Eden Project helps some plants to grow healthily in different biomes.
- ◆ Understand that Doctors are scientists and know what healthy life choices are
- ◆ Identify renewable and non renewable energy sources
- ◆ Rachel Carson studied ocean habitats and water pollution.
- ◆ Describe the invention of wind turbines
- ◆ A Botanist is a scientist who studies plants.
- ◆ Louis Pasteur found that germs are living things and can spread and cause illnesses.
- ◆ Charles Macintosh invented waterproof material.