

Polytunnels & Planting

Plants need air, light, warmth, water and nutrients to be healthy.

Polytunnels are used to help plants grow.

Polytunnels **protect** plants from extreme weather and are big enough for people to work inside.

Different plants grow at **different times** of year depending on their needs.

Pollution

Three quarters of the Earth consists of oceans and seas. The other quarter of the Earth is land.

We only live on 1/7th of the quarter of the land. The other 6/7ths represent parts of the Earth that we do not live on - poles, mountains, water, rainforest and deserts.

Plastic was first created by a British inventor called Alexander Parkes in 1855.

Biodegradable items will break down over time and not harm the environment in the future.

YEAR 3 Our Sustainable World



Looking After Our World

Reducing, reusing and recycling things is good for the Earth.

Wasting resources like cutting down trees and releasing too much CO₂ into the air is bad for Earth.

Your **carbon footprint** is the amount of carbon dioxide released into the air because of your own energy needs.

Science

Water freezes at 0 degrees Celsius and boils at 100 degrees Celsius.

Solids can be held and do not flow.

Liquids change shape and can be poured.

Gases are often invisible and spread out.

Core Vocabulary

Environment - a person's physical surroundings.

Being sustainable - to act responsibly about the products we consume to look after our planet

Thermal insulator - a material that is a poor conductor of heat.

Pollution - something in the environment which poisons or causes damage to living things

Fossil fuels - materials like coal, gas and oil which have formed over millions of years