# Sustainable Transport

Fossil fuels (coal, gas, and oil) damage the environment, because they release harmful gases into the atmosphere when they are burned.

Some types of transport have combustion engines. They need to burn a fuel such as petrol or diesel to make them work. These fuels are made of oil. Vehicle exhaust fumes contain carbon dioxide and nitrogen oxides.

Gases like these are called 'greenhouse gases' because they are making the Earth warm up like a greenhouse. This is speeding up climate change.

Not all types of transport have engines. How many different types of transport can you think of? Write or draw them here. Circle the ones that don't have an engine.

Bicycles and scooters don't have engines that burn fuel. You are the engine and your food is the fuel! Travelling by bike, scooter, wheelchair, or on foot is good for the environment.

Travelling by bus or train is better for the environment than travelling by car, because more people can travel using the same tank of fuel.

Find out the name of the train station nearest to your house.
Write the name of it here:

Plan a journey.
Could you travel from your house to somewhere on Cannock Chase using only sustainable types of transport? Where could you go and how would you travel? Plan the journey with the help of an adult, then see if you can go on an environmentally friendly day trip!

Did you know that a fully grown tree can absorb anywhere between 10kg and 40kg of Carbon Dioxide ($CO_2$) out of the air each year?
In 100 years, a tree could absorb about a tonne of $CO_2$! Some of the trees on Cannock Chase are over 400 years old. They are storing a lot of $CO_2$ away.

There aren't enough trees to lock away all the $CO_2$ that we produce. Transport creates almost a quarter of all the UK's greenhouse gas emissions. We need to help the environment by travelling as sustainably as we can when we visit Cannock Chase!

# Can you find the transport words below hidden in the grid?

| A | E | T | G | R | D | R | M | P | I | W | D | E | E | R |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| V | S | U | S | T | A | I | N | A | B | L | E | R | O | U |
| E | E | M | I | R | B | X | O | I | J | S | O | O | E | S |
| M | O | A | D | A | K | T | E | V | A | T | K | Y | N | E |
| I | B | V | L | I | U | I | U | J | R | O | R | M | V | R |
| S | I | E | E | N | G | G | N | E | G | S | H | R | I | J |
| S | C | O | U | B | Y | N | O | W | T | C | N | T | R | E |
| I | Y | R | F | A | G | I | A | S | L | O | I | R | O | T |
| O | C | I | R | J | E | L | R | M | B | O | N | O | N | A |
| N | L | E | W | S | Z | C | Y | R | A | T | A | P | M | M |
| S | E | T | H | E | U | Y | A | B | H | E | Y | S | E | I |
| R | S | Y | R | E | Q | C | T | R | I | R | W | N | N | L |
| T | T | B | K | R | I | S | S | D | L | B | E | A | T | C |
| G | N | O | I | T | S | U | B | M | O | C | O | R | F | L |
| U | I | M | K | U | O | I | H | J | C | T | N | T | T | C |

Sustainable
Cycling
Train
Carbon
Environment

Car
Transport
Combustion
Bicycle
Scooter

Engine
Fuel
Emissions
Trees
Climate

CANNOCK CHASE
A NATIONAL LANDSCAPE

Cannock Chase
SAC Partnership

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