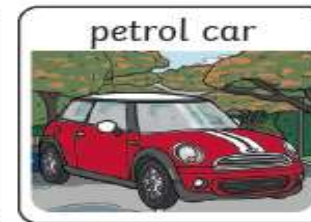
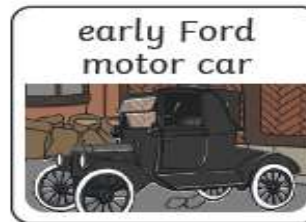
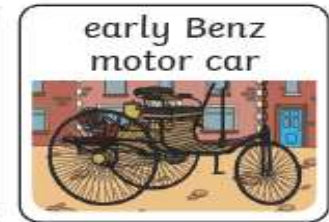
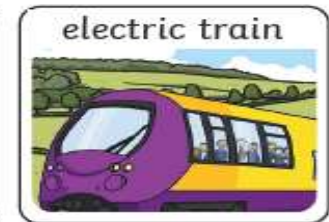


# Year 1 Spring 1, Travel and Transport and Everyday Materials Knowledge Organiser

## Travel and Transport

Key Vocabulary	
<b>carriage</b>	A place that people can sit in to be pulled along by a horse or a train's engine.
<b>travel</b>	Moving from one place to another.
<b>transport</b>	Carrying people or goods from one place to another.
<b>steam engine</b>	A <b>steam engine</b> uses <b>steam</b> from boiling water to make it move. The <b>steam</b> pushes the moving parts.
<b>electric cars</b>	<b>Electric cars</b> use electricity to make the motor turn.
<b>petrol</b>	<b>Petrol</b> is the fuel used in <b>petrol</b> engines to make cars move.
<b>railway</b>	A <b>railway</b> is the track that trains run on.
<b>motor</b>	A <b>motor</b> turns energy into movement so that things (such as cars and trains) can move.



What were the first trains like?	The first trains had <b>steam engines</b> . Smoke could be seen coming out of the chimney at the front.
When was the first passenger train?	In 1830, people could <b>travel</b> on trains for the first time.
Who built and flew the first aeroplane?	In 1903, the Wright brothers were the first people to successfully fly in an aeroplane. They built it themselves.



Wright Brothers



George Stephenson

## Everyday Materials

Key Vocabulary	
<b>object</b>	A thing that can be used. For example a door, chair, car, table are all <b>objects</b> .
<b>material</b>	<b>Materials</b> are what an <b>object</b> is made from.
<b>hard</b>	Not easily broken or bent.
<b>soft</b>	If something is <b>soft</b> , it is easy to cut, fold or change the shape of.
<b>stretchy</b>	Can be pulled to make it longer or wider without breaking.
<b>shiny</b>	Reflects light easily.
<b>dull</b>	Doesn't reflect light. Doesn't look bright or <b>shiny</b> .
<b>rough</b>	If something is <b>rough</b> , it feels and looks uneven or bumpy.

Key Vocabulary	
<b>smooth</b>	<b>Smooth objects</b> have no lumps or bumps.
<b>bendy</b>	<b>Bendy</b> things can be <b>bent</b> easily into a curved or folded shape.
<b>not bendy</b>	If something is <b>not bendy</b> , it can't be bent easily into a curved or folded shape.
<b>waterproof</b>	If something is <b>waterproof</b> , it keeps water out. It keeps things dry.
<b>not waterproof</b>	<b>Not waterproof materials</b> let water in.
<b>absorbent</b>	If something is <b>absorbent</b> , it soaks liquid up.
<b>not absorbent</b>	If something is <b>not absorbent</b> , it does not soak up liquid.
<b>transparent</b>	<b>Transparent objects</b> can be seen through.
<b>opaque</b>	<b>Opaque objects</b> can't be seen through.

## Materials



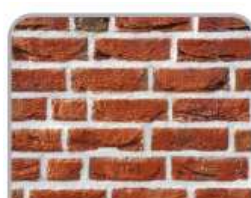
plastic



wood



metal



brick



fabric



water



glass



paper



stone

How are the materials used?



plastic toys



wooden furniture



metal tools



glass window