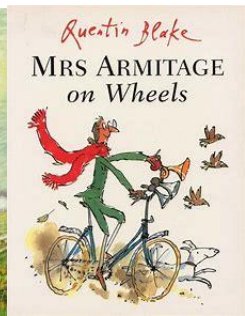
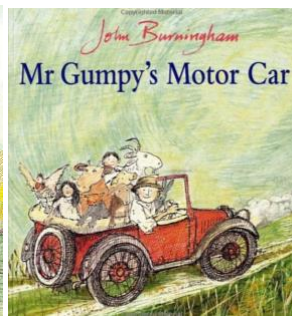
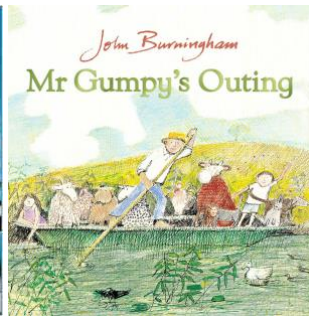
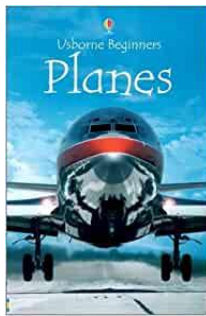
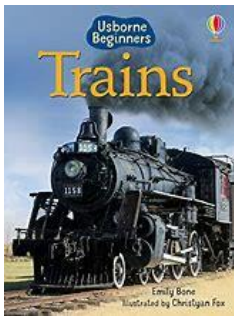




Year 1  
Spring Term 2

# - Wheels, wings and other things –

## Key Texts



## Key Facts

Land transport uses walking, roads, railway tracks, bicycles and other vehicles.

Water transport uses ships, boats or other watercraft in rivers, canals and seas.

Air transportation uses aeroplanes, airports and helicopters.

There are over one billion bicycles in the world.

The fastest train in the world, which is in Japan, can travel at 374mph.

London is famous for its black taxi cabs and red double-decker buses.

The most expensive car in the world is a Bugatti (La Voiture Noire model) which costs nearly £14 million!

## Key Vocabulary:

Travel, transport, journey, voyage, route, vehicle, engine, steam-powered, wheels, wings, propellers, trajectory, distance.

Design, plan, evaluate, make, logo, printing.

Properties of materials:

*absorbent, bendy, dull, floating, glass, hard, material, metal, object, opaque, plastic, properties, paper, rock, rough, shiny, sinking, smooth, soft, stiff, stretchy, transparent, water, waterproof, wood.*

## Enquiry Skills and Concepts

In this topic, the children will:

- Design, make and evaluate a product that flies (paper aeroplane).
- Investigate ways to improve their product using different materials.
- Map their journey to school.
- Investigate materials that float, sink and are waterproof.
- Research modes of transport through history.
- Order a timeline of vehicles.
- Identify the differences between fiction and non-fiction texts.
- Create a fact file about a vehicle.

We will design and create a hot air balloon collage.



We will go on a trip to Bure Valley Railway to ride on a steam engine. We are also going to visit the Air Museum to see lots of different planes.



## **Important dates in the History of Train Transport**

- 1825** - The first public steam railway.
- 1829** - George Stephenson's 'Rocket' steam engine launched.
- 1840s** - Huge growth of railways in the United Kingdom.
- 1890** - First electric London Underground train in operation.
- 1963** - 'The Reshaping of Britain's Railways' (Beeching Report) published.
- 1994** - Channel Tunnel opens.
- 2007** - Launch of the High speed 1, the country's first high speed line.

**How many modes of transport can you think of?**

Here's some to get you started...

Car      Lorry      Train  
Helicopter