

Who invented that and why?

Overview

This term we will be learning about inventions, particularly the inventions in transport through time. We will become historians - looking into how things were made and how they have evolved and got better, and suggesting reasons why someone decided to make changes. We will also have a go at being inventors ourselves! An invention station has been set up in the classroom where we will be experimenting with designs that will fly, float and move on land.

This fits nicely with our science topic of materials and their properties, which is an important factor to consider when you are inventing something new!

We will be focussing on how inventors spend a lot of time researching, building and getting things wrong! This module will allow us to emphasise that it is ok to make mistakes and that we can use them to help us learn!



Language of a Historian

past	has already happened
present	is happening now
timeline	A visual display of a sequence of events in order of when they happened.
penny farthing	The first bicycle. It had one large wheel. 
transport	Carrying people or goods from one destination to another.
travel	Moving from one place to another.
vehicle	An object designed and used used for transporting people or goods, such as a car or a lorry.
technology	Technology is the way we apply scientific knowledge for practical purposes. It includes machines (like computers) but also techniques and processes (like the way we produce computer chips). It might seem like all technology is only electronic, but that's just most modern technology.
Inventor/Pioneer/Innovator/Trailblazer	Someone who is the first person to think of or make something.
Invention	A creation made after studying and experimenting.
Sedan chair	A sedan chair is an enclosed chair for one person carried on two poles by two men, one in front and one behind.

Language of a Scientist

Materials	A physical substance that things are made from.
Flexible	Able to bend or be bent easily without breaking.
Waterproof	A property of a material which means that it does not let water through and stays dry.
Strong	Difficult to break or destroy.
Properties	A characteristic that a material has e.g strong, smooth, rough

Famous people in transport

George Stephenson	He is most famous for being a civil engineer who invented the first steam locomotive (train)
Karl Benz	He invented the first automobile powered by an internal combustion engine: three wheeled, four cycle, engine and chassis form a single unit.
The Wright Brothers	Inventing, building, and flying the world's first successful motor-operated airplane,
Amelia Earhart	Many early aviation records, including first woman to fly solo across the Atlantic Ocean
Neil Armstrong	On July 20, 1969, Neil Armstrong made history by becoming the first man to walk on the moon

