

Key Questions:

- How have toys changed over time?
- Can you design, make and evaluate a purposeful, functional and appealing toy car that will transport a small-world character?
- Can you identify the primary colours and investigate mixing these to make secondary colours?

Key Facts:



Dolls are believed to be one of the earliest toys to have ever been made. Since ancient times, people have made characters using natural materials such as wood, clay, bone and fur. Dolls are known to have been played with during the time of the Ancient Egyptians. Later porcelain and china dolls were played with before the first plastic doll was made only 80 years ago.



Toys from the Past

In museums you can see other ancient Egyptian toys such as balls, toy animals, dolls and spinning tops. Some toys have hardly changed in hundreds of years. Marbles, spinning tops, toys on wheels, hoops and balls are just some of these toys. Toys are made of many different materials. The materials toys are made from help us to know how old the toy is.



Grandparent's Toys and Games

When your parents and grandparents were children, they would have played outside a lot of the time. They would have made up games, climbed trees and played sport. The toys that they played with didn't usually require electricity and technology was not as advanced. They wouldn't have played with tablets or computers. Lots of toys that were played with at the time required them to use their imagination and creativity just as some of your toys do today!



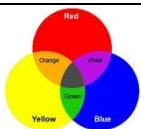
How Toys Work

Toys work in many different ways.
Some toys:
-Have a pull mechanism like a pullback car
-Have moving joints like a teddy bear
-Use electricity to give them power and make them go
-Need winding up like a Jack in a box



Historical Words and Phrases

In history, we need to understand when things have happened. This helps us to put events in the right order. In our topic, we will be thinking about toys that we play with **now** (in the **present**) and toys that were played with **then** (in the **past**). We will look at a range of **old** and **new** toys and may even look at some toys from a **long time ago**!



Primary and Secondary Colours

The three primary colours are red, yellow and blue. Secondary colours are made when two primary colours are mixed together. Secondary colours include green, purple and orange. Brown is made when a primary colour is mixed with a secondary colour. Alternatively it can be made by mixing together equal parts of the three primary colours. Tints can be created by adding white and tones by adding black.



Design, Make and Evaluate

In Design and Technology, we design and make purposeful, functional and appealing products based on design criteria. We will design what our product will look like, creating a list of the materials and tools that we will need. We will then make our product; evaluating and improving it as we go. What is good about it and how can it be improved? This term we will be focusing on the different parts of a moving vehicle. We will be investigating wheels and axles and how they work. We will then design, make and evaluate our own toy car!

Key Vocabulary:

- Present / Past
- Before / After
- Then / Now
- Old / New
- Primary / Secondary Colours
- Design, Make, Evaluate
- Axle, Wheels, Chassis

Key People:

- Peter Breugel
- Peter Blake