

## Y6 T6 Synopsis

This term our leading question is: **What can we make?** Learning will focus primarily on Science through the study of both light and electricity. For DT, we will be making a moving 'robot' applying the coding skills learnt in Computing. We will also be busy rehearsing for our leavers' assembly and looking forward to PGL

## RE

- Why do Hindus try to be good?

## Computing – Coding

- Using BBC microbits to write algorithms.
- To use the language of logic gates to explore operations and applications.

**Music** – Leavers' songs for our final assembly.

**Maths** We will be applying our mathematical knowledge in different investigations as well as completing transition work ready for secondary school.

## English

Writing: A range of fiction and non-fiction pieces linked to The Highwayman.

Just Read: The Boy in the Tower by Polly Yo-Hen

Talk 4 Reading: Non-fiction texts linked to our Science.

## PSHE – Changing Me

- know how girls' and boys' bodies change during puberty and understand the importance of looking after themselves physically and emotionally
- Know how a baby develops from conception through the nine months of pregnancy and how it is born
- Know how being physically attracted to someone changes the nature of the relationship
- Know the importance of self-esteem and what they can do to develop it
- Know what they are looking forward to and what they are worried about when thinking about transition to secondary school

**DT** – Design, make and evaluate a moving 'robot' applying the coding skills learnt in Computing.

**PE** – Continuing dance and cricket from last term before moving onto ultimate frisbee.

## Science Electricity

- Associate the brightness of a lamp or the volume of a buzzer with the number and voltage of cells used in the circuit
- Compare and give reasons for variations in how components function, including the brightness of bulbs, the loudness of buzzers and the on/off position of switches
- Use recognised symbols when representing a simple circuit in a diagram

## Light

- Recognise that light appears to travel in straight lines
- Use the idea that light travels in straight lines to explain that objects are seen because they give out or reflect light into the eye
- Explain that we see things because light travels from light sources to our eyes or from light sources to objects and then to our eyes
- Use the idea that light travels in straight lines to explain why shadows have the same shape as the objects that cast them

## MFL – At the weekend

- Pupils will learn 10 phrases for activities that they might do at the weekend.
- Telling the time.
- Sharing opinions/justifications

## Homework

Please continue to read, learn times tables and practise the spelling words sent home.