

## MATHS

These are the topics that we will cover this term: number—percentages, algebra and ratio; measurement—converting units, co-ordinates, area, perimeter and volume, angles and using a protractor; data handling—line graphs and pie charts. On Fridays we will focus on arithmetic. These lessons will involve addition, subtraction, multiplication, division and fractions. If you would like to see the strategies we will be learning, please look at our Wood End Calculations Policy on the school website.

## ART

This term our art topic is “Art Illusions”. We will explore and create optical art, looking at perspective, foreshortening and tromp l’oeil to create illusions. We will explore how artists create illusions by playing with perspectives.

## GEOGRAPHY

Children will be studying climate changes across the world, the water cycle and how this affects different countries. They will look at the causes and consequences of extreme weather, as well as earthquakes, tsunamis and volcanic eruptions.

## RELIGIOUS EDUCATION

This term in RE, the children will be learning about our diverse culture in Wolverhampton. They will also learn that religions can live side by side within our own community. They will also look at a Hindu mandir and a Christian church.

## DESIGN AND TECHNOLOGY

This term the children will use the design, make, evaluate, process to make a fairground ride. We will investigate ways of using electrical motors to create using rotating parts and a framework for a fairground ride.

## PSHE

In PSHE the children will be revisiting how to be resilient. They will be examining how sometimes media can be biased or misleading. They will also learn how antisocial behaviour affects people and where to find support.

# Year 6 2020 Spring Term

## HOME ACTIVITIES

To help in bringing the topics being studied to life, we have four activities which the children could choose from; some are activities you can do with your child and others they could complete independently. If the children would like to share what they have done, they can bring photographs or creations into school week commencing *Monday 16th March 2020*.

**History**— make a model of a prison, modern or historical/  
**research crime or punishments** during a specific time period.

**Science**— You have landed on an alien planet. **Create a classification key** to study new creatures that you have discovered.

**Geography**— Prepare a weather report/write a newspaper report/prepare a weather forecast based around an extreme weather condition.

**Art**— Create your own art illusion picture.

## SCIENCE

In science this term the topic is classifying organisms. We will recap ways of grouping organisms according to their characteristics. The children will use classification keys to classify plants and describe how living things are classified into broad groups according to observable characteristics.

## ENGLISH

In English this term we shall continue to familiarise ourselves with the Year 6 expectations for writing. We will develop our skills by looking at and writing different genres, including narratives, letter writing (informal and formal voice) and newspaper reports. In reading we will work on improving our VIPERS skills using a range of texts. Focus will be on improving reading speed and stamina in order to prepare them for reading tests. This term our class reader will be Holes by Louis Sachar.

## COMPUTING

The children will be looking at being Digital Programmers where they will create algorithms, debug them and use conditional instructions within a program. As Digital Designers, they will be creating quizzes which allow the player to search a data base.

## HISTORY

The topic will introduce the broad trends of crime and punishment in the Roman period, Anglo-Saxon and Viking period, medieval and Tudor periods before moving to crime and punishment in more modern times.

## MUSIC

In music the children will look at how the mood changes within music, musical rhythm and musical notation to represent rhythm. The children will use staves as a ladder for pitch and compose and perform a piece of music.

## LANGUAGES

This term in French the children will be looking at the past perfect tense; they will also recognise some adverbs for performing actions and write them in sentences.