

### Maths

We will be studying Geometry and properties of shape. We will be:

- drawing 2D shapes using given dimensions and angles
- recognising, describing and building simple 3D shapes
- illustrating and naming parts of circles
- recognising angles where they meet at a point, are on a straight line, or are vertically opposite and find missing angles.

This will be followed by the study of ratio and proportion where we will be solving problems

- involving the relative sizes of 2 quantities
  - the calculation of percentages
  - similar shapes where the scales factor is known
  - unequal sharing and grouping using knowledge of fractions
- To support your child, please continue to test them on their times tables and division related facts together with mental addition, subtraction, multiplication and division questions.

### English

During this half term, we will be focusing on writing a non-fiction (information) text on Japan considering the differences and similarities with their climate and that of the UK to tie in with our Geography. Children will be researching and learning about Japan's physical geography and creating an interesting and informative piece using appropriate vocabulary and grammar.

The second piece of writing this term will be a narrative based on the story *'The Phone Booth in Mr Hirota's Garden'*. We will consider why the story was written and for whom, then the children will plan their own stories on a similar theme. To help your child, please continue to encourage the learning of their spellings and ask them questions about their reading.

### P.E.

In P.E. we will be having two sessions a week, one outdoors and one indoors. The outdoor sessions will focus on co-operation, communication and consideration. The indoor sessions will focus on dance, and the children will be planning and performing a group dance on the theme of a football match, showing changes in speed, level and direction as well as clear dynamics and control.

### Personal, Social and Health Education (PSHE) and Religious Education (RE)

**PSHE** - We will be continuing to follow the JIGSAW scheme of work thinking about our own dreams and goals, and how we can help others to achieve their goals too.

**RE**- We will continue to follow the *Understanding Christianity* programme. We will be considering the Gospel and what that means for Christians. We will be looking at the parables Jesus told to his followers and the miracles he performed and reflect on what they might mean for Christians today.

We will follow Jesus' story right up to his death to tie in with why Easter is such an important festival for Christians.

## Year 6 Spring 1



# Japan



### Geography

During Spring 1 we will begin by placing Japan, our class country, on the world map. This will help us to locate Japan's exact geographical position. We will do this using the lines of latitude and longitude. We will see where Japan is positioned in relation to the Equator, the northern and southern hemispheres and consider the difference in the time zones. By investigating the geography of the area we will learn about Japan's physical geography and begin to understand its position in the Pacific ring of fire and discover why it experiences earthquakes, volcanoes and tsunamis. We will briefly consider how the continents were formed to find out more about the movements in the earth's crust. We will then learn about the effect of earthquakes and volcanoes on Japan. There are many good websites for your child to find out about the Pacific ring of fire and its impact both on BBC Schools and the National Geographic for kids websites.

### Computing

This term we will learn how search engines work, including how to use them safely and effectively, before researching aspects of Japanese culture and lifestyle. We will also be developing our understanding of how to keep safe, when using the internet, with a Safer Internet Day.

### Science

We will be learning about electricity. We will explore the voltage in cells and how they affect a circuit and investigation with a range of electrical components such as buzzers, switches and bulbs. We will also learn the recognised symbols for the parts of a circuit and be drawing these accurately.

### Design Technology

Our DT will focus on Japanese inventions – why have the Japanese created such incredible objects? What is the purpose of them? How have they changed and shaped the world? We will then be designing and making our own incredible item, which will be tested and evaluated by other pupils. To support your child, please research some Japanese inventions; robots, tactile pavements and the selfie stick.

### Music

This half term, we will be studying music from films; looking at the different types and styles and how sound is used to create certain effects. The outcome for this unit will be creating their own soundtrack for a clip.

### Modern Foreign Languages (MFL)

In French we will continue to:  
-broaden our vocabulary and develop our ability to understand new words that are introduced into familiar written material,  
-speak in sentences, using familiar vocabulary, phrases and basic language structures using the range of (-er) verbs learned last time. We will continue to build our writing stamina so we can both speak and write about ourselves at length. There are many good websites/apps available to support your child e.g. BBC schools, bookbox.com and Duo Lingo.