

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 to create a set of instructions to build a Japanese skyscraper or the more traditional pagoda with its ornate and distinctive roof. This links closely with our DT project where the children will choose which design they want to construct and as they create their building they will plan their instructions.

During January all children will be entering a WSCC writing competition whereby they are given a picture as a stimulus to create a piece of writing in a genre of their choice.

P.E.

In PE we will be having two sessions a week, one session will be outdoors and one indoors. The outdoor sessions will focus on the topic of invasion games, based around agility. The indoor sessions will focus on mighty movers and continue to encourage the children to keep fit in a variety of ways. We will be discussing how to maintain both a healthy body and mind.

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

PSHE - We will be beginning to talk about our thoughts on the taking of tests and transition to secondary school. Children will be able to share their worries and help and support each other. Mrs Smith (Learning Mentor) will be a part of some of these sessions.

RE - Our main study is: 'Have you explored the Sacred Texts?' We will look at the Bible, the Torah and the Qur'an and discuss what is within these but also how they are used and their importance.

Spring 2019 – Year 6 Japan

Humanities

During Spring 1 we will begin with placing Japan, our class country, on the world map. This will help us to locate Japan's exact geographical position. We will do this by identifying the position and significance of latitude and longitude, the Equator, the northern and southern hemispheres etc. and consider time zones. By investigating the geography of the area we will move on to learning about Japan's physical geography and begin to understand its position in the Pacific ring of fire and discover why it experiences earthquakes. We will briefly consider how the continents were formed to find out more about the movements in the earth's crust. We will learn about the effect of earthquakes and volcanoes on Japan which links to our DT topic of sustainability. 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 website.

Computing

The children will be looking at the functions of a computer and how they work. They will study, analyse and evaluate different operating systems. They will also look at Internet safety and the reliability of online information.

Science

In science our topic will be Light. We will be learning about how we see and how light travels plus shadows.

We will have a focus on skills including using graphs and measuring within our investigations.

Design Technology

Our DT will focus on investigating Japanese buildings- old and new, looking at sustainability and hurricane proofing. We will design and make our own model buildings using a range of reclaimed materials plus wood. The children will use tools such as hacksaws and glue guns. Finally, children will evaluate their final models and showcase them.

Music

We will continue to sing at our weekly singing assembly practising the skills acquired in the Autumn term during our music lessons.

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, e.g. stories, songs and websites
-speak in sentences, using familiar vocabulary, phrases and basic language structures and conjugate (-er) verbs. We will continue to communicate with children from Collège N Boileau in our twin town of Chênevierres. We will be building our writing stamina to creating a paragraph in French. There are many good websites/apps available to support your child e.g. bbc schools and Duo Lingo.