

Topic: Geography

Building on our understanding of maps from last term, this 'Our Amazing Planet' unit allows the children to take a closer look at where the countries of the world are located, and some of the ways geographers describe locations. We will learn to locate and describe places using longitude and latitude, and find out about some of the important lines that delineate specific areas of the Earth - the Equator, the Hemispheres, the Poles and the Tropics. Finally, by looking more closely at the lines of longitude, Willow Class will develop their understanding of time zones.

Science

In this unit we will explore a variety of ways to identify, sort, group and classify living things. The children will learn how animals are split into 'vertebrates' and 'invertebrates' and begin to consider the differences between living things within these classifications. They use and create classification keys to group, identify and name living things from the local habitat and beyond. This unit also introduces Willow Class to the idea that environments are subject to man-made and natural changes, and that these changes can have a significant impact on living things. Throughout the unit children work scientifically by gathering, recording and presenting information in different ways.

Art/DT

Willow Class will develop skills in their sketch books, create multiplication pop art and produce a scientific classification key. They will turn their design into an explorers' flag, using sewing techniques.

PSHE/RE

PHSE: What Going for goals. I am, I can, I know.
Citizenship
RE: Regions from around the world.
British values:
Diversity and

PE

Forest School.

Swimming: children will be taught to swim over a distance 25 metres, using a range of strokes effectively as well as perform safe self-rescue in different water-based situations.



Willow 2017-2018

MFL

Year 4: Jacques et les haricots magiques.

The life cycle of a plant; recognise familiar words, phrases; and join in storytelling.

Year 5: Likes, dislikes and preferences of food and drinks - use of indefinite articles. Intercultural awareness: Lunchtime in French schools. How to use a bilingual dictionary
Research new vocabulary to describe an imaginary lunch.

Mathematics

Fractions: recognise and show, using diagrams, families of common equivalent fractions. Identify, name and write equivalent fractions of a given fraction, represented visually including tenths and hundredths.

Compare and order fractions whose denominators are multiples of the same number.

Solve problems involving increasingly harder fractions to calculate quantities, and fractions to divide quantities, including non-unit fractions where the answer is a whole number. Solve problems involving multiplication and division, including scaling by simple fractions and problems involving simple rates.

Add and subtract fractions with the same denominator. Add and subtract fractions with the same denominator and denominators that are multiples of the same number.

Recognise mixed numbers and improper fractions and convert from one form to the other and write mathematical statements >1 as a mixed number [for example $2\frac{5}{5} + 4\frac{5}{5} = 6\frac{5}{5} = 11\frac{5}{5}$].

Multiply proper fractions and mixed numbers by whole numbers, supported by materials and diagrams.

English

Spelling: prefixes, suffixes and route words.

Punctuation: Kung Fu Punctuation; colons semi colons and commas

Grammar: commas for ambiguity, marking clauses with semi colons, passive voice

Reading: Class novel - Swallows and Amazons by Arthur Ransome. Poetry and nonfiction texts.

Writing: cross-curricular narratives, nonfiction and reports.

Computing

We will write quizzes using Scratch by combining questions. The unit aims to teach children the wider programming skills of solving problems, testing, debugging, improving and evaluating.