

### Topic: Geography

In term 3, this topic allows us to further explore the range of maps available to geographers and to develop our understanding of the key features of maps. The class will study a range of maps and atlases, including digital maps, and compare their features. They will learn to use the eight compass points to give directions and give grid references to locate places on a map. By comparing maps of the same place, children will learn about the way that places have changed over time. In Term 4, this will extend to learning the location and characteristics of a range of the world's most significant human and physical features.

### Science

This 'Sound' unit will teach Willow Class about how vibrations cause sounds and how sounds travel, as well as how sounds can change pitch and loudness. The children will learn about how sounds are made, carrying out demonstrations of vibrations, and completing a sound survey of their school. They will work in groups to create a human model of the way particles pass sound vibrations on, and write and star in their own documentary explaining how sound travels. The children will work in a hands-on way to explore pitch, and will use their understanding of how high and low sounds are made to create their own set of pan pipes. They will have the opportunity to make a string telephone, and will use this to investigate how sounds change over distance and through different materials. The children will work scientifically and collaboratively to investigate the best material for soundproofing, in the context of making a music studio quieter. Finally, they will demonstrate their learning from the whole unit by designing and creating their own musical instrument that will play high, low, loud and quiet sounds..

### Art/DT

Designing and creating an explorers flag using sewing techniques.

### PSHE/RE

PHSE: What  
Going for  
goals. I am, I  
can, I know.  
Citizenship  
RE:  
Pilgrimages  
British  
values:  
Diversity and  
beliefs

### PE

Forest School

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



Willow 2017-2018

### MFL

*Vive le sport (Link to healthy lifestyle)*

*Make simple statements about sports & other physical activities:*

*Je joue au + sport*

*Je fais du/ de la + sport/  
activity*

Phonic focus: reinforce single vowels (e/ u/ a), associated vowel sounds *au & ou*, silent ending consonant

### Mathematics

Multiply two digit and three digit numbers by a one digit number using formal written layout. Multiply numbers up to 4 digits by a one or two digit number using a formal written method, including long multiplication for 2 digit numbers.

Divide numbers up to 4 digits by a one digit number using the formal written method of short division and interpret remainders appropriately for the context.

Solve problems involving multiplying and adding, including using the distributive law to multiply two digit numbers by one digit, integer scaling problems and harder correspondence problems such as  $n$  objects are connected to  $m$  objects. Solve problems involving multiplication and division including using their knowledge of factors and multiples, squares and cubes.

Solve problems involving addition and subtraction, multiplication and division and a combination of these, including understanding the use of the equals sign.

### English

Spelling: prefixes, suffixes and route words.  
Punctuation: Kung Fu Punctuation; brackets, dashes and commas

Grammar: word classes, subordinate clauses, tenses, parenthesis and commas for ambiguity.

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

Writing: Haikus, Scripts, Persuasive writing, narratives and non fiction texts.

### 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.