

### Maths

**Place Value:** Negative and decimal numbers.

**Shape:** Coordinates, reflection and translation.

**Number:** solving problems using rounding, multiples, factors, squared and prime numbers and multi-step problems deciding which operation to use and why.

**Measures:** converting between metric and imperial measures and calculating volume and capacity.

**Statistics:** Creating and interpreting line graphs and pie charts and using mean to calculate average.

**Remember!** Your child's times table knowledge is key to many areas of their mathematics learning. It is important to practise times tables and related division facts regularly at home.

### English

**Writing:** Balanced arguments about current topical issues and persuasive letters and story writing based on an abridged version of the book 'A Tale of Two Cities' by Charles Dickens (please don't read this in advance!).

**Reading:** Guided reading sessions will focus on how the author uses grammatical structures to convey levels of formality and meaning within a text and looking at how to replicate this in our own writing for effect.

**Phonics and Grammar:** spelling and punctuation rules, as well as sentence structure, will be taught throughout our English sessions.

### Ways to help your child at home:

Explore imperial measurements and their metric equivalents - when do we use imperial measurements in the real world?

- Research Charles Darwin, Mary Anning or Alfred Wallace - what was their contribution to our understanding of evolution and inheritance?
- Use books and the internet to research France and its different regions - what traditions are associated with France?
- Think about topical issues around the world and place them on a map.
- Relax and enjoy the Christmas break!

### Science

**Evolution and Inheritance:** How living things change over time and what we can learn from fossils (evolution); how living things change over generations by producing offspring with similar characteristics (inheritance); how plants and animals adapt to survive and reproduce in different environments; advantages and disadvantages of animal evolution; and scientist study of Charles Darwin / Mary Anning / Alfred Wallace.

### Computing:

Scratch - designing, writing and debugging programs.

### Geography:

Physical Geography of France - places, landmarks and map-reading.

### RE:

Islam - the five pillars.

### Art:

Monet, Matisse and Seurat - artist studies.

### French:

Notre monde (our world).

### PSHE (and P4C):

Looking at the world - current topical issues.

### Music:

Europe - children's songs from Europe.

### PE:

Traditional Morris dancing and netball.

### Key dates

PE days	Class 9	Class 10	Class 11
	Tuesday	Monday	Monday
	Friday	Friday	Tuesday

**Thursday 4<sup>th</sup> Jan** - back to school!

**W/B Monday 5<sup>th</sup> Feb** - Year 5 bikeability

**Thursday 8<sup>th</sup> Feb** - SATs meeting for year 6 parents and children

**Friday 9<sup>th</sup> Feb** - share a tray