

Willow Class Curriculum Newsletter – Spring 2019

Dear Parents

Here is an outline of the curriculum children in Willow Class will be covering this term.

English

Fiction: Origami Yoda by Tom Angleberger and The Arrival by Shaun Tann. A variety of Roman myths (including Romulus and Remus and Jupiter and the Bee).

Non-fiction: Diary entries and non-chronological reports based on historical research.

Whole Class Guided Reading: How to Train Your Dragon by Cressida Cowell.

Spoken Language: Listen and respond appropriately to adults and their peers. Articulate and justify answers, arguments and opinions. Participate in discussions, presentations, performances, role play, improvisations and debates. Gain, maintain and monitor the interest of the listener(s). Select and use appropriate registers for effective communication.

Spelling, Grammar and Punctuation: Converting nouns or adjectives into verbs using suffixes [for example, –ate; –ise; –ify]. Devices to build cohesion within a paragraph [for example, then, after that, this, firstly]. The difference between vocabulary typical of informal speech and vocabulary appropriate for formal speech and writing [for example, find out – discover; ask for – request; go in – enter]. Linking ideas across paragraphs using a wider range of cohesive devices: repetition of a word or phrase, grammatical connections [for example, the use of adverbials such as on the other hand, in contrast, or as a consequence], and ellipsis. Use of the semi-colon, colon and dash to mark the boundary between independent clauses. Punctuation of bullet points to list information. Using commas to clarify meaning or avoid ambiguity in writing

Maths

Measurement (Length and Perimeter)

Key objectives: Measure and calculate the perimeter of composite rectilinear shapes in cm and m. Convert between different units of metric measure [for example, km and m; cm and m; cm and mm]

Number (Multiplication and Division)

Key objectives: 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.

Measurement (Area and Volume)

Key objectives: Calculate and compare the area of rectangles. Estimate and calculate the area of irregular shapes. Estimate volume [for example using 1cm³ blocks to build cuboids (including cubes)] and capacity [for example, using water].

Fractions

Key objectives: Compare and order fractions whose denominators are multiples of the same number. Identify, name and write equivalent fractions of a given fraction, represented visually including tenths and hundredths. Solve problems involving multiplication and division, including scaling by simple fractions and problems involving simple rates. Add and subtract fractions with the same denominator and denominators that are multiples of the same number. Multiply proper fractions and mixed numbers by whole numbers, supported by materials and diagrams.

Decimals

Key objectives: Read and write decimal numbers as fractions. Recognise and use thousandths and relate them to tenths, hundredths and decimal equivalents. Read, write, order and compare numbers with up to three decimal places. Multiply and divide whole numbers and those involving decimals by 10, 100 and 1000.

Regular Times Table Attentivities

1. Grids
2. Colouring challenges
3. Code crackers
4. Tests and quizzes
5. Factors and multiples problem solving

Science

Animals Including Humans

Are These Your Teeth? Excuse me, are these your teeth? Who did this dropping? Am I a predator? Find the answers to these and other peculiar questions about digestion and food chains.

Life Explorers: One of the big publishing houses in the UK has approached you to write a children's non-fiction book about the human lifecycle. Can you research and collate information on growth, development and old age, and present it in a sensitive and logical way that is suited to children aged 8-12? Are you up for the challenge of creating a visually appealing and marketable book that will fly off the shelves? You have 6 weeks until the deadline.

Scientific Enquiry: The children will plan and carry out fair tests to study the effects of friction and water resistance.

Computing

Scratch coding: Using Scratch, the children will programme a Roman themed game and will undertake a selection investigation.

Graphs and Charts – Using data collected in science, the children will create a variety of graphs and charts for different purpose and audiences.

Stop Frame Animation – Using Lego Movie Maker and IMovie, the children will create short animations linked to an ancient Roman Myth.

PE

Gym Sequences: The children will perform new gymnastic moves with control and accuracy. Learn how to work co-operatively with a partner to produce a sequence. Learn how to link moves together with fluency and good body tension.

Step to the Beat: The children will move in times to various pieces of music with a variety of beats. The children will put their moves together to create their own dances.

Gymfit Circuits: The children will complete a variety of fitness circuits to improve strength and stamina. The children will explore reasons for improvement or lack of improvement.

Bootcamp: The children will complete a range of circuit-based activities and understand the reason for doing them. The children will understand what happens to the heart rate during exercise.

RE

Buddhism - The children will learn about the life of Buddha and his key teachings. The children will gain an insight into the key beliefs and practices of Buddhists.

Topic

Study of Rome and its Origins – The children will study and contrast the story of Romulus and Remus with how Rome was really founded and began to expand. The children will examine how Rome managed to build and ultimately lose a huge empire. *Writing: Interviews with Roman soldier.*

What was life like in ancient Rome? – The children will examine how different people would live in ancient Roman society. *Writing Link: Non-chronological reports.*

Roman Gods, Goddesses and Myths – The children will study and compare a variety of Greco-Roman myths. *Writing Link: Storyboards.*

Art

Mosaics – After studying the importance of mosaics as an historical resource, the children will create their own printed mosaic.

Design Technology

Roman Sandals -The children will design, make and evaluate a sandal for an ancient Roman child.

PSHE

British Values - The children will examine the core British Values and how they contribute to our school and the wider society. These values include: democracy, the rule of law, individual liberty and mutual respect for and tolerance of those with different faiths and beliefs and for those without faith.

Feelings and Emotions: The children will learn to recognise and take control of their own emotions and recognise how to establish how others may be feeling. The children will think carefully about how they respond to the feelings of others.

Healthy Relationships: The children will learn the importance of collaborative working. The children will also examine how actions have consequences.

Environment: The children will study the different rights responsibilities and duties people have in relation to the environment.

Homework

Set on Tuesday to be in by following Monday.

- Spellings (where possible linked to objectives studied in English)
- One piece of Maths
- Reading (we expect children to read at least four times a week)

Ideas to help support your child's education:

Reading – After (or during) a reading session, encourage your child to talk about the plot, setting, characters and what they predict might happen next. Even good readers, who read independently, can be encouraged to discuss their reading. You may also wish to ask your child why an author has used certain techniques or vocabulary.

Spelling – Encourage your child to learn their spellings using a variety of creative techniques (as detailed on the help sheet last term). Where appropriate, your child may still use the **Look, Cover, Say, Write, Check** strategy and put the key words into sentences.

Maths – Encourage your child to complete their mathematics homework independently whenever possible. Ask them to talk about their mathematical working and remind them to check their work for errors. Challenge them to teach you how they solve problems, as this demonstrates that they have a good understanding of what they have been taught.