



ORLEANS PRIMARY SCHOOL



WELCOME TO YEAR 4

SCIENCE Sound



Throughout this unit children learn that sounds are produced by vibrations and that these vibrations travel from the source through a variety of materials. Musical instruments are used to illustrate the range of ways of producing sounds and how pitch and loudness can be altered. Experimental and investigative work focuses on: turning ideas into a form that can be investigated and making predictions, deciding whether the evidence is sufficient to support the prediction. Work in this unit also offers opportunities for children to use scientific knowledge and understanding about sound to explain familiar phenomena and to relate this to their understanding of musical instruments.

ART Dreams

Children will explore how to convey the atmosphere and story of a dream. They explore different viewpoints in the school environment as a setting for their dream. They invent a number of characters who are photographed 'on location' and develop a narrative to describe the dream. They go on to make prints based on the narrative.



HISTORY



Tudors

Children find out about the Tudors through the story of Henry VIII's marriages. They develop their ability to use written and pictorial sources, ask and answer questions, give reasons for actions and identify changes. The children will also learn about the lives of different types of people living in Tudor times.

SPELLINGS AND READING SPELLINGS WILL BE TESTED ON THURSDAYS.

Children should read for a minimum of **10 mins** at home every night (try library books, newspapers or comics as well as scheme books).

PLEASE BRING BOOKS TO SCHOOL EVERY DAY – WE WILL HEAR CHILDREN READ AS OFTEN AS POSSIBLE.

ICT



Podcasts: Children will develop their reporting skills and understanding of how to create their own podcasts to be shared online.

RE

Children will learn about the Buddhist way of life and also why light is used as a symbol at Christmas.



MUSIC



The children will be exploring rhythm patterns and composition through the use of tuned and untuned percussion and take part in group performances.

FRENCH



Children learn to name some francophone countries and some towns in France. They revise the days of the week, food, birthdays and some phrases about the weather. They add to their repertoire of songs and rhymes to help them remember new language.

HELPERS AND CLASS REPS

Please see your class teacher if you are able to help on any day during the week. This can be with reading, times tables or Maths instant recall facts. There is a sign-up sheet on the classroom door. Thank you!

**HOME LEARNING:
SET ON MONDAY
IN ON TUESDAY**

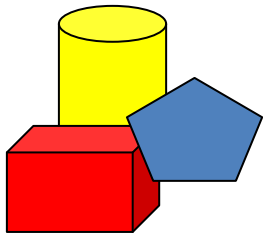
Netball & OAA

(Outdoor Adventurous Activities) which focus on orienteering, problem solving and team skills.

P.E days are on **Wednesdays** and **Fridays**.

P.E





ORLEANS PRIMARY SCHOOL



Autumn 1 Curriculum Overview



MATHS

Place Value

- Understand what each digit represents in a 4 digit number
- Write place-value related additions and subtractions, e.g. $1256 - 50 = 1206$, $3047 + 200 = 3247$
- Order 4 -digit numbers from smallest to greatest and greater than/less than signs to compare
- Add and subtract 1, 10, 100 and 1000 10,000 to and from 4 digit numbers
- Count in 25s and in 1000s
- Round to the nearest 10, 100 or 1000
- Read and write Roman numerals to 100
- Count backwards through 0 to include negative numbers
- Solve number and practical problems that involve all of the above and with increasingly large positive numbers

Mental Calculation

- Add pairs of two-digit numbers or three-digit numbers and two-digit numbers using place value or counting on
- Subtract two-digit numbers from two-digit numbers and from numbers greater than 100 by counting back or counting up
- Exploring strategies for mental addition and subtraction, including partitioning, doubling, halving, multiples of 10 and adjusting, bridging through 10, known number facts, number pairs

Written Methods for Addition and Subtraction

- Add and subtract numbers with up to 4 digits using the formal written methods of columnar addition and subtraction where appropriate
- Estimate and use inverse operations to check answers to a calculation
- Find totals and differences of measures of length, mass and capacity
- Solve addition and subtraction two step problems in contexts, deciding which operations and methods to use and why

ENGLISH



Non-Fiction: Biographies *Wanted: Space Explorer!*



In this unit, the children select applicants to be trained as astronauts for a mission to Mars. They read about Neil Armstrong in the interactive eBook: *A Huge First Step*. They use the eBook's features to find out about Neil Armstrong's skills, personal qualities and experiences that prepared him for his big moment. They focus on effective use of pronouns and fronted adverbials, and use these in their writing tasks: to write a diary entry and a biography.

Focusing on grammar, children will learn to use:

- Fronted adverbials for place and time
 - Possessive pronouns
 - Revising capital letter



Fiction: Podcasts

Focus Text: The Ghost Thief by Kathryn White

Children listen to a spooky story podcast in three episodes, asking questions and listening out for sound effects to develop their listening and comprehension skills. They focus on the use of language and the way it is used in conjunction with the narrator's voice and sound effects to create atmosphere and character. They then build on this experience to plan and write their own three-episode spooky story podcasts in groups. Children practise reading their stories aloud and incorporate sound effects. The podcasts are then recorded or performed.