



ORLEANS PRIMARY SCHOOL



Autumn 2 Curriculum Overview

SCIENCE States of Matter - solids, liquids and gases.



During this unit, children will describe the differences between solids, liquids and gases. They will research the temperature at which materials change state, for example, when iron melts or when oxygen condenses into a liquid. They will describe melting and dissolving and give everyday examples of each; name some materials that will and some that will not dissolve in water and explain why undissolved solids can be separated from a solution by filtering and show how to do this. They will also recognise that although it is not possible to see a dissolved solid it remains in the solution.

FRENCH



In this unit children learn to name some francophone countries and some towns in France. They revise the days of the week and will learn some phrases about the weather. They add to their repertoire of songs and rhymes to help them remember new language.

D.T This unit develops the popular activity of making greetings cards and the moving picture made in key stage 1. Children research the content of the book and design and make a book that is finished to a high standard, with pages that incorporate moving parts, including linkages and levers.



HISTORY Tudors



Children will continue to explore and investigate this time in British history. They will develop their ability to use written and pictorial sources, ask and answer questions, give reasons for actions and identify changes. Children will learn about the lives of different types of people living in Tudor times and the roles they played in society. They will recognise characteristics of Tudor buildings and how these were constructed and also begin looking at the Stuart period.

SPELLINGS AND READING

SPELLINGS WILL BE TESTED ON MONDAYS.

Children should read for a minimum of **15 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.

Please also ensure that a comment is written in your child's diary every week.

COMPUTING

Children learn principles and techniques of basic animation. They research early techniques before the use of computers and then experiment with software to create their own animation.

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



MUSIC



In music the children will be focusing on how to sing in different styles of music. They will be ending the term with a song writing session and performing their own group compositions.

HELPERS

Please see your class teacher if you are able to help on any day during the week. This can be with reading, times tables, key instant recall facts or spelling. Thank you!

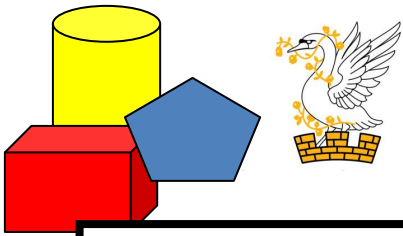
HOMEWORK:

**SET ON TUESDAYS
IN ON MONDAYS**

Our two sports for this term are **Gymnastics** and **Hockey**. Please ensure your child has shin pads for every hockey lesson on Friday. These can be sent in each week or kept in their locker.

P.E.





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MATHS

Place Value (continued from previous term)

- Count in 25s
- Count backwards through 0 to include negative numbers

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

Multiplication and Division

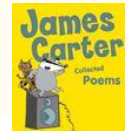
- Recognise and use factor pairs and commutativity in mental calculations
- Use place value, known and derived facts to multiply and divide mentally, including: multiplying by 0 and 1; dividing by 1; multiplying together three numbers
- Multiply two digit and three digit numbers by a one digit number using formal written layout
- Solve problems involving multiplying and adding, including using the distributive law to multiply two digit numbers by one digit and integer scaling problems

ENGLISH

We will be continuing our non-fiction unit on biographies before beginning the following:



Poetry: Creating Images



A collection of poems by Grace Nichols and James Carter

Children enjoy the range of poems in the unit and discuss and explore their uses of figurative language. They learn and revise metaphor, simile and personification and then identify the features of free verse, haiku and performance poetry. Finally they draft and write their own poems using ones from the unit as models



Non-Fiction: Recount/Newspaper Reports

Focus Text: Incredible Sports

Children explore the Big Question: What is the world's most incredible sport? They will read the interactive eBook, finding information and distinguish between fact and opinion. They will identify features of journalistic reports and explore the way language is used in media. They will compare different types of newspaper reports and also read and listen to a sports commentary. They will summarise and evaluate texts, expressing their own views on different reports. They end by answering the Big Question, planning and writing their own newspaper report.

Focusing on grammar, children will learn to use:

- Comparative and superlative phrases
- Multi-clause sentences