

ORLEANS PRIMARY SCHOOL

Painting and Mixed Media: light and dark

Children develop skills in colour mixing, focussing on

using tints and shades to create a 3D effect. They

compare paintings by artists according to elements

such as texture or colour and practise creating tints

such as sand, salt, oats to create texture. Dabbing,

and apply painting techniques to a personal still life

pointillism and stippling techniques will be used.

light and dark and use previously learnt

techniques to make the object appear

three-dimensional.

and shades when colour mixing. They will add materials

Children will explore still life and compare compositions

Year 4

Spring 1 Curriculum Overview

Art

SCIENCE Living Things and their Habitats

This unit of work supports the children to be able to recognise that living things can be grouped in a variety of ways i.e. vertebrates & invertebrates and warm or



cold blooded. They will explore and use classification keys to help group, identify and name a variety of living things in their local and wider environment. We will spend some time recognising that environments can change due to human interaction and that this can sometimes pose dangers to living things. We will also look at the positive effects of human interaction on a variety of environments

PSHE Health and Well-being



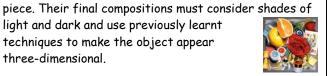
In this unit we will begin by identifying & sharing facts about dental health. Children will be able to identify their strengths, describe what makes them happy, recognise that they cannot always control certain things and describe a place that keeps them calm. They will be able to understand the range of emotions we can experience, what mental health is and that sometimes people might need help.



GEOGRAPHY WORLD FOOD

Where does our food come from?

Looking at the distribution of the world's biomes and mapping food imports from around the world, children learn about trading fairly with a specific focus on Côte d'Ivoire and the cocoa beans production there. They explore where the food for their school dinners comes from and the pros and cons of local versus global. They will discuss and design data collection methods for qualitative data and conducting interviews.



P.E. Our two sports for this term are **Netball** and Gymnastics. P.E. day will continue to be Tuesday & Friday.

FRENCH Numbers, calendars and birthdays. Children will learn numbers in French from 0-31, the days of the week and begin to match the months of the year to their English equivalent. They will be able to translate the date from English to French, say when their birthday is and ask someone when their birthday is. They explore the differences and similarities between how we celebrate in England & France.

Key Instant Recall Facts

To help develop children's fluency in mathematics, we ask them to learn Key Instant Recall Facts (KIRFs) each half term. Spring term's KIRFs are: I know the x and ÷ facts for the 9x & 11x and I know the x and ÷ facts for the 7x table. Please refer to the KIRF letter and activities on Google Classroom for more information and activities to support this learning.



Computing

Coding Children learn how to use and create scripts in Scratch. They use decomposition to identify key features and understand how to decipher actions. They will understand what a variable is and how it works within a program and then create their own.

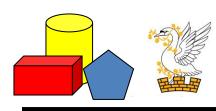
RE Just how

important are our beliefs? Finding out how people show commitment to their beliefs, children ask questions about why people choose to demonstrate the importance of their beliefs in certain ways. They use photographs, personal responses and information texts to explore ceremonies of commitment, diet, charity and clothing.

Children will explore arrangements through a range of musical styles. They will take part in group performances using tuned/untuned percussion. They will explore the concepts: Unison/duet/acco mpaniment/phras e/pitch/ostinato.

MUSIC





ORLEANS PRIMARY SCHOOL

MATHS

Discrete and Continuous Data

By the end of this unit, pupils will be able to:

- Present data in pictograms and bar charts
- Consider the use and suitability of a range of different scales when constructing graphs
- Interpret data presented in a pictogram and bar chart
- Read and interpret data presented in a time graph

Fractions

During this unit children begin by revisiting previous learning, considering what a fraction is and how it can be represented. They then progress to find equivalent fractions, mixed numbers and improper fractions, add and subtract fractions, calculate fractions of quantities and finally solve problems involving fractions. Throughout the unit children will be using a variety of representations, to increase their flexibility and depth of understanding with fractions.

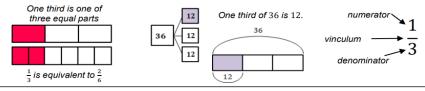
Key Learning:

- To recognise fractions as different representations
- To identify and find fractions of a quantity
- To recognise equivalent fractions
- To calculate non-unit fractions of a quantity
- To find equivalent fractions using multiplication and division
- To solve problems involving fractions and division
- To compare and order fractions
- To recognise and write mixed numbers
- To recognise and write improper fractions
- To convert mixed numbers to improper fractions
- To add fractions which are equal to less than one
- To subtract fractions less than one whole
- To add fractions to equal an answer greater than one
- To subtract fractions including fractions greater than one

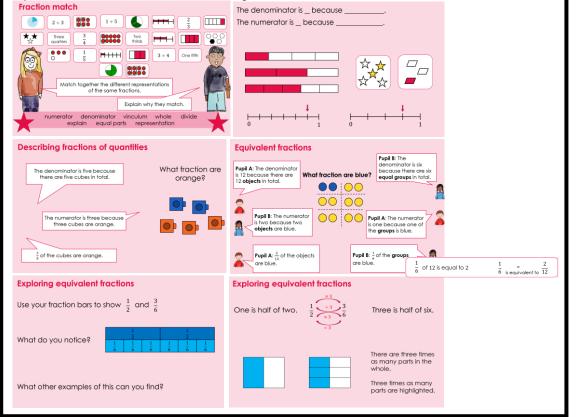
MATHS

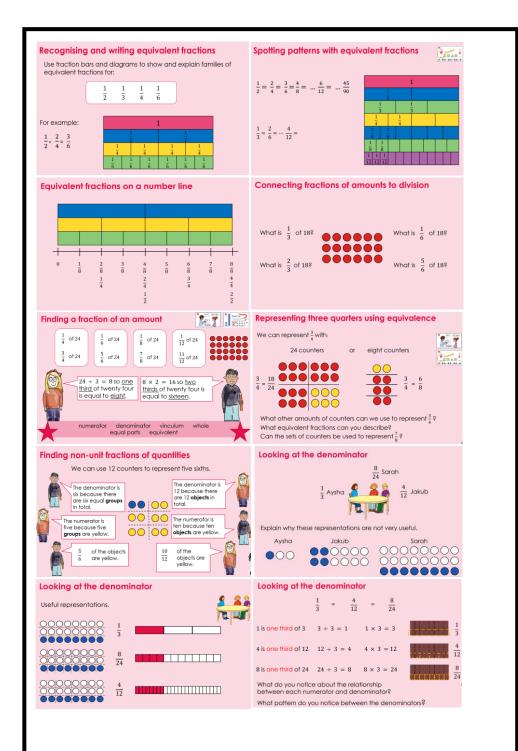
Representing fractions

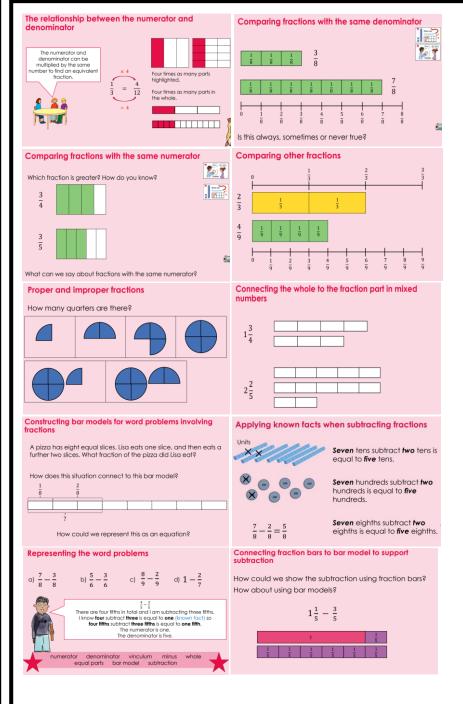
A range of concrete and pictorial representations have been used for fractions including fractions of a whole, as part of a set of objects and as part of a quantity such as a length or volume. Pupils can apply these representations to comparing, finding simple equivalence and adding and subtracting with the same denominator, as well as fractions of sets or quantities.

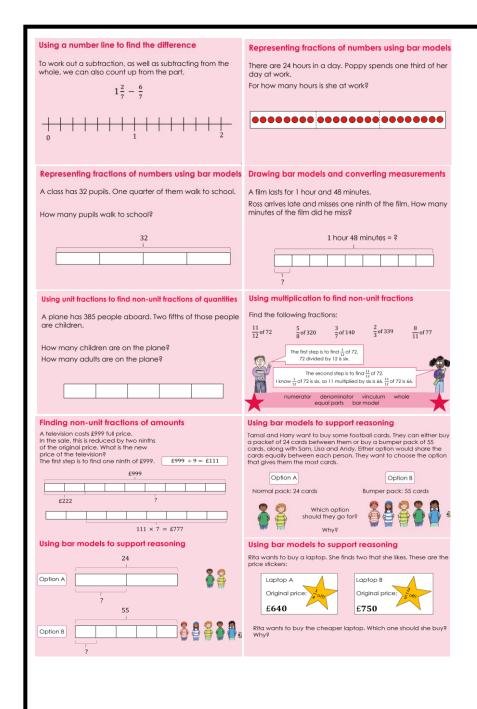


Here are some teaching slides from our Maths lessons. They show you some of the representations and methods we will use during this unit.









ENGLISH

We are continuing with Ice Palace this term. Fiction: Short Novel (quest story) Focus Text: Ice Palace by Robert Swindells

Ivan, the main character goes in search of his brother taken by the mysterious 'Starjik'. It is a moving and well-written story with strong themes such as family love and bravery and much to explore in terms of character and dilemma.

Overall aims of this teaching sequence

- To enjoy a story and discuss its meanings
- To explore narrative plot, settings, characters and draw inferences to aid understanding
- To broaden understanding of writers' use of language and build a varied vocabulary
- To write non-fiction texts based on fictional stimulus
- To write a non-chronological report
- $\boldsymbol{\cdot}$ To write a narrative ending



Writing Outcomes

- Poetry (list poems, imagery)
- Instructions (rules for playing a game)
- Recount (note, written in role)
- Non-chronological report (information leaflet)
- Thought bubbles, notes (writing in role)
- Captions
- Narrative ending