



# ORLEANS PRIMARY SCHOOL - Year 3 - Autumn 2



## SCIENCE

### Forces and Magnets

Children will identify pushes & pulls as forces & explore how things move on different surfaces. They will find out about attraction & repulsion by magnetic forces and which materials are magnetic. They will look at compasses & uses of magnets and carry out some enquiries using magnets.



## ART

### Investigation of an influential artist

Children will explore a famous artist- Wassily Kandinsky. Children will firstly look at a range of pieces of work from this artist in order to gain an appreciation and understanding of them. Children will recreate their own pieces based on the style they have studied.



## GEOGRAPHY

### Why do so many people in the world live in megacities?

Over the half term, they will develop their understanding of the important geographical concepts of settlement and urbanisation through the study of the world's megacities (cities with a population of over 10 million). They will learn what a megacity is and where that are located around the world. They will also discover how megacities are created with a real focus on Human Geography.

## SPELLINGS AND READING

We are moving to a brand-new scheme for spellings ('ReadWriteInc Spelling'). Please look out for further information from the school office about this and how you can best support your child with their spellings at home. Please also ensure that your child's 'Log Book' for spellings is brought to and from school every day.

## FRENCH

We are exploring 'Little Red Riding Hood' to develop our listening skills, as well as using cognates to develop our understanding of vocabulary and using the story to learn various body parts.

## PSHE

We will be exploring how families differ, how positive relationships and experiences and how these bring families together, how to care for each other, and how children can seek help or advice, if family relationships are making them feel unhappy, worried or unsafe.

## Computing

We will be looking at Networks. Children will develop their understanding of digital devices. They will also be introduced to a computer network infrastructure.

## PE

We are developing fundamental skills that children need to become proficient in the range of sports taught in PE across the school. We are also continuing with our Dance unit, refining the skills we have learnt so far.

## MUSIC

Children will recognise how musical elements can be used together to compose descriptive music, specifically for the Christmas celebrations. They will combine sounds with movement and narrative.

Foxglove Class



Primrose

### Key Instant Recall Facts

I know the multiplication and division facts for the 3 times table - see GC for the KIRF topic folder.

### TIMES TABLES



Please continue to support your child in learning their times tables. We would hope that by the end of Year 3, they will know their 2, 5, 10, 3, 4, 8 and hopefully 6's too.

### HOME LEARNING on GC:

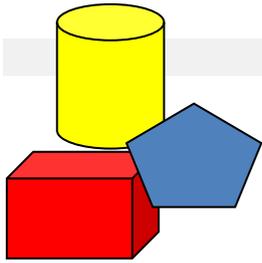
SET ON TUESDAYS

IN ON MONDAYS



### The Nativity Story

Our Key Question this half-term is: **What does nativity mean?** We will be learning all about the story of the nativity and finding out why it is so important to Christians?



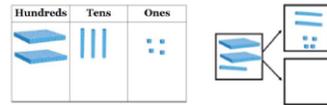
# ORLEANS PRIMARY SCHOOL



## Autumn 2 Curriculum Overview



### MATHS



#### Addition and Subtraction

- Mentally add / subtract a single digit number to / from a 3-digit number, including regrouping
- Mentally add a multiple of ten to a 3-digit number, including regrouping
- Mentally subtract a multiple of ten from a 3-digit number, including regrouping
- Mentally add / subtract a multiple of 100 to / from a 3-digit number (within 1000)
- Mentally add / subtract two 3-digit numbers with no regrouping
- Use rounding to estimate the answer to a calculation
- Add two 3-digit numbers using column addition
- Subtract 3-digit numbers using column subtraction
- Solve addition and subtraction word problems
- Solve non-standard addition and subtraction word problems

$$\begin{array}{r} 346 \\ + 227 \\ \hline 573 \end{array}$$



#### Length and Perimeter

- Measure lengths to the nearest centimetre or to the nearest millimetre
- Measure and draw lines of a given length in mixed units (cm and mm)
- Use prior knowledge to estimate length
- Understand and calculate the perimeters of 2-D shapes in centimetres or millimetres
- Calculate the perimeters of 2-D shapes in mixed units (cm and mm)
- Measure and compare lengths in mixed units (m and cm)
- Calculate perimeters of 2-D shapes in metres and centimetres
- Apply knowledge of length to solve problems and develop reasoning skills

### English

#### 'Gregory Cool' by Caroline Binch

##### Overall aims of teaching sequence:

- To establish and develop an insight into the culture, geography and history of the country introduced.
- To be given the opportunity to develop the skill of oral storytelling.
- To enjoy and explore a story and re-tell the events and the thoughts and feelings of characters through storyboarding, role-play and writing in role.
- To develop a personal and distinctive authorial voice for effect in their writing and performance of their work to an audience.
- To develop reader response by exploring interpretations of themes, plots and characters actions and motivations through discussion and debate.

##### Writing outcomes:

- Note-taking
- Fact file
- Story-writing and editing
- Diary entry
- Instructional writing
- Poetry writing and performance

