



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.



DT

Eating Seasonally

The children will have the opportunity to discuss which foods grow in different climates; understand which foods are grown in which seasons; explore food hygiene and safety and follow instructions within recipes.

GEOGRAPHY

Why do people live near volcanoes?

In this unit the children will learn to name all four layers of the Earth in the correct order, stating one fact about each layer, explain one or more ways a mountain can be formed and give a correct example of a mountain range and its continent. They will label the features of shield and composite volcanoes and explain how they form as well as name three ways in which volcanoes can be classified.

SPELLINGS AND READING

We will continue to focus on the 'ReadWriteInc Spelling' lists will be on the google classroom. They will choose 5 words of their choice from the list but will be tested on a random selection at the end of each unit. Please remember to record daily reading on the google form. Please make sure that the children bring a book to school every day, this can be from the school library, local library or home.

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.



FRENCH

We will be learning about adjectives for colour shape and size and use this to describe everyday objects.



PSHE

We will be exploring ways in which families differ, 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 the ball 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.

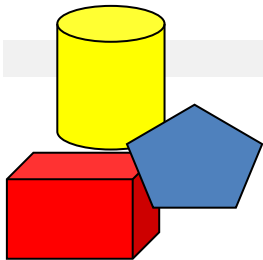
HOME LEARNING on GC:

SET ON TUESDAYS

IN ON MONDAYS



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?



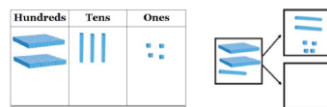
ORLEANS PRIMARY SCHOOL



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

	3	4	6
+	2	2	7
		1	
=			3



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

"Girl and Robot" short clip

Overall aims of teaching sequence:

- To describe the design features of a robot using technical vocabulary and formal language
- 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
- Character description
- Story-writing and editing
- Diary entry
- Instructional writing
- Poetry writing and performance

