

# Year Four Autumn 2024

## 'Invasion'



### History

This project teaches children about life in Britain after the Roman withdrawal. Children will learn about Anglo-Saxon and Viking invasions up to the Norman conquest.



### Geography

#### Interconnected world

This essential skills and knowledge project teaches children about compass points and four and six-figure grid references. They learn about the tropics and the countries, climates and culture of North and South America. Children identify physical features in the United Kingdom and learn about the National Rail and canal networks. They conduct an enquiry to prove a hypothesis, gathering data from maps and surveys before drawing conclusions.

### Art and Design

#### Warp and Weft:

This project teaches children about the art-form of weaving and how it has developed over time, including the materials and techniques required to create woven patterns and products.



### Computing

Computing Systems and Networks  
Sharing Information  
Creating Media A vector  
Drawing

### Music

#### Music Express:

Poetry Sounds  
Around the World  
Food and Drink



### Design and Technology

#### Fresh Food, Good Food:

This project teaches children about food decay and preservation. They discover key inventions in food preservation and packaging, then make examples. The children prepare, package and evaluate a healthy snack.

### Science

#### Food and the digestive system

This project teaches children about the human digestive system. They explore the main parts, starting with the mouth and teeth, identifying teeth types and their functions. They link this learning to animals' diets and construct food chains to show the flow of energy.

#### Sound

Sound facts; Investigating sound; Sound waves; How we hear sounds; Muffling sound investigation; Volume and distance investigation; Changing the volume of sound investigation; Changing the pitch of sound investigation; Investigating sound further; Working scientifically - Identifying and classifying, Comparative test, Pattern seeking, Research

### PSHE

Jigsaw Being Me in My World Celebrating Difference

My Happy Mind: Meet your Brain, Understanding my emotions, Understanding others emotions.



### PE (Thursday/ Friday)

Invasion games Gymnastics  
Fitness Fundamentals



### English

#### Writing texts

Feast

Charlie and the chocolate factory

#### Grammar focus:

What is a sentence? Capital letters, full stops, exclamation marks, questions  
Time adverbials, simile, metaphors, dialogue, conjunctions, alliteration

#### Handwriting: Nelson Handwriting scheme—

Practising joining to and from the letter e:ea  
Practising writing letters the correct size

Practising joining to and from the letter s: ask  
Practising writing double letters tt

### RE

Autumn 1: God: How do Christians describe God?

Autumn 2: Incarnation

# Year Four: Maths

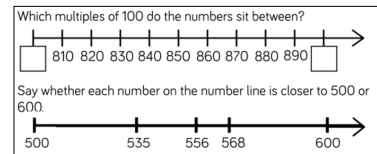
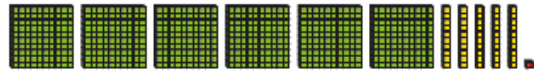
At St Francis, we follow White Rose Maths. Mathematics is taught daily in a progressive and systematic way, beginning in Reception, all the way through to Year 6. We believe that every child can master an understanding and love of maths with the right kind of teaching and support. White Rose Maths builds skills gradually and systematically, ensuring learners are given opportunities to master each new area of learning before moving on. It is designed as a spiral of skills where concepts are revisited regularly to fully embed learning.

## Place Value

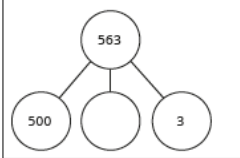
- Represent numbers to 10,000
- Round numbers to nearest 10, 100, 1000
- Find 1, 10, 100, 1000 more/ less
- Count in 1000s
- Count in 25s
- Compare and order 4-digit numbers to 10,000
- Partition numbers to 10,000
- Negative numbers
- Roman numerals

These are some of the representations we will be using when we teach place value.

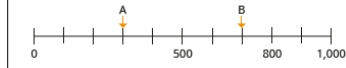
What numbers are represented?



Complete the part-whole models.

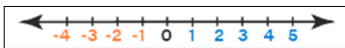


What numbers are the arrows pointing to?



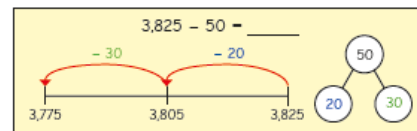
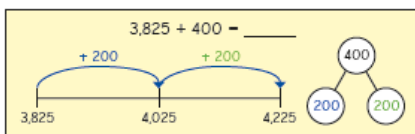
Write <, > or = to compare the numbers.

Th	H	T	O
4	5	6	7
5	6	7	8

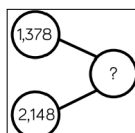


## Addition and Subtraction

- Add and subtract 1, 10, 100, 1000
- Add and subtract two 3-digit numbers (no exchange/ exchange)
- Add and subtract two 4-digit numbers (no exchange/ one exchange/ more than one exchange)
- Estimating and checking strategies



Thousands	Hundreds	Tens	Ones
1	3	7	8
2	1	4	8



1	3	7	8
+	2	1	4
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3	5	2	6
			1

Th	H	T	O
2	1	4	3
-	1	5	1
-----			
2	1	9	2

Th	H	T	O
2	1	4	3
-	1	5	1
-----			
2	1	9	2

## Multiplication and Division

- Multiply and divide by 10, 100
- Multiply by 1 and 0
- Divide by 1 and itself
- Multiply and divide by 3, 6, 7 and 9
- 6, 7 and 9 times table and division facts

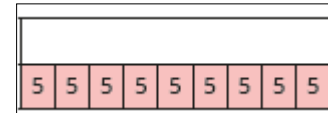
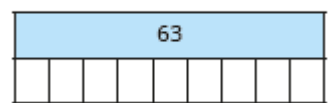
$3 \times \text{one} = \text{three ones} = 3$

Complete:

$3 \times \text{ten} = \text{three tens} = \text{_____}$

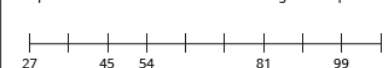
$3 \times \text{hundred} = \text{three hundreds} = \text{_____}$

Complete the bar models.



£4			
£1	£1	£1	£1

Complete the number line to show counting in multiples of 9



There are \_\_\_\_\_ lots of \_\_\_\_\_.

$\text{_____} \times \text{_____} = \text{_____}$   
 $\text{_____} \div \text{_____} = \text{_____}$

9	9	9
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