

Year Six Autumn 2024

'Maafa



History

This project teaches children about Africa past and present, with a particular focus on Benin. It traces the development of the slave trade and explores Britain's role in the transatlantic slave trade, the causes and consequences of the European colonisation of Africa and the worldwide communities that make up the African diaspora.



Geography

Our Changing world

This essential skills and knowledge project revises the features of Earth, time zones and lines of latitude and longitude to pinpoint places on a map. Children find out more about map scales, grid references, contour lines and map symbols. They learn about climate change and the importance of global trade. Children analyse data and carry out fieldwork to find out about local road safety. They study patterns of human settlements and carry out an enquiry to describe local settlement patterns.

Art and Design

Trailblazers and Barrier breakers

This project teaches children about significant black artists and their work, and provides opportunities to analyse and create artwork inspired by them.



Design and Technology

Food for life This project teaches children about processed food and healthy food choices. They make bread and pasta sauces and learn about the benefits of whole foods. They plan and make meals as part of a healthy daily menu, and evaluate their completed products.



Science

Circulatory system

This project teaches children about the transport role of the human circulatory system, its main parts and primary functions. They learn about healthy lifestyle choices and the effects of harmful substances on the body.



Computing

Computing Systems and Networks

Sharing Information

Creating Media A Vector Drawing

PSHE

Jigsaw Being Me in My World Celebrating Difference

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



Music

Music Express:

Happy (Charanga)



PE (Monday/Thursday)

Invasion games Gymnastics
Physical Development



RE

Autumn 1: God: How do Christians describe God?

Autumn 2: Incarnation

English

Writing texts

Thornhill

If—Poetry

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 o
Forming and joining descenders

Revising slanted writing / correct proportion
Forming and joining the letter t

Year Six: 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

Read and write numbers to 10,000,000

Powers of 10

Number line to 10,000,000

Compare and order any integers

Rounding Strategy:

Underline and Star:

- Underline the value that might change;
- Star the number that tells you what to do.

Round to the nearest tenth:

2	3	<u>4</u>	*	5
2	3	<u>5</u>		

Match the numbers to the representations.

1,401,312	M	HTh	TTh	Th	H	T	O
1,041,312							
410,000							
1,410,312							

Use the number line to answer the questions.

What is 6 less than 4?

What is 5 more than -2?

Round any integer Negative

Addition, Subtraction, Multiplication and Division

Addition and Subtraction Strategies:

Carry tens into the next column.

Exchange tens so you can subtract.

3	7	8	1	1	0
+	4	8	2	2	3
<hr/>					
4	2	6	3	3	3

3	6	7	0	1	2
-	4	3	9		
<hr/>					
3	2	7	3		

Multiplication:

Decimal Multiplication

27.8	
x 67	
<hr/>	
1946	
16680	
<hr/>	
1862.6	

**Decimal in Answer first!*

Long Division:

Long Division

3640 ÷ 15 =

0	2	4	2	-10
15	3	6	4	0
<hr/>				
3	0	↓	1	
6	4			
<hr/>				
6	0	↓		
4	0			
<hr/>				
3	0			
<hr/>				
1	0			

- 1 - multiples (add)
- 2 - divide using multiple link
- 3 - subtract
- 4 - drop down

Fractions:

Adding Fractions

$$\frac{3}{7} + \frac{3}{7} = \frac{6}{7}$$

$$\frac{9}{21} + \frac{14}{21} = \frac{23}{21} = 1\frac{2}{21}$$

$$\frac{1}{3} + \frac{2}{6} = \frac{2}{6} + \frac{2}{6} = \frac{4}{6} = \frac{2}{3}$$

Subtracting Fractions

$$\frac{1}{2} - \frac{3}{7} = \frac{7}{14} - \frac{6}{14} = \frac{1}{14}$$

$$\frac{14}{14} - \frac{2}{14} = \frac{12}{14} = \frac{6}{7}$$

Add & Subtract Fractions

* Common denominator;
* Convert → arrows;
* Add or Subtract numerators.

$$\frac{1}{3} + \frac{1}{6} + \frac{5}{8} = \frac{8}{24} + \frac{4}{24} + \frac{15}{24} = \frac{27}{24} = 1\frac{3}{24}$$

Multiplying Fractions

$$\frac{3}{4} \times \frac{2}{5} = \frac{6}{20} = \frac{3}{10}$$

* x num
* x denom
* simplify

$$\frac{3}{7} \times \frac{5}{1} = \frac{15}{7}$$

* WJN over
* x num
* x denom

Dividing Fractions

$$\frac{2}{3} \div \frac{5}{1} = \frac{2}{3} \times \frac{1}{5} = \frac{2}{15}$$

KCF

Dividing Mixed Numbers

$$1\frac{2}{3} \div \frac{6}{1} = \frac{5}{3} \div \frac{6}{1} = \frac{5}{3} \times \frac{1}{6} = \frac{5}{18}$$

KCF

Converting Mixed & Improper

$$2\frac{1}{4} = \frac{9}{4}$$

* 2 arrows
* x and +
* note the x
* + new num.
* KTDS!

$$\frac{17}{6} = 2\frac{5}{6}$$

* num ÷ den
* whole no.
* remainder is fraction