

## Mathematics

- Read, write, order and compare numbers up to 10 000 000 and determine the value of each digit.
- Round any whole number to a required degree of accuracy.
- Use negative numbers in context and calculate intervals across zero.
  - Solve number and practical problems that involve all of the above.
  - Multiply multi-digit numbers up to 4 digits by a two-digit whole number using the formal written method of long multiplication.
  - Solve problems involving addition, subtraction, multiplication and division
  - Identify common factors, common multiples and prime numbers
  - Perform mental calculations, including with mixed operations and large numbers
- Compare and classify geometric shapes based on their properties and sizes and find unknown angles in any triangles, quadrilaterals, and regular polygons
- SH5- recognise angles where they meet at a point, are on a straight line, or are vertically opposite, and find missing angles.
- Solve addition and subtraction multi-step problems in contexts, deciding which operations and methods to use and why.
- Use common factors to simplify fractions; use common multiples to express fractions in the same denomination.
- Compare and order fractions, including fractions greater than 1.
- Add and subtract fractions with different denominators and mixed numbers, using the concept of equivalent fraction.
- Identify the value of each digit in numbers given to three decimal places and multiply and divide numbers by 10, 100 and 1000 giving answers up to three decimal places.
- Multiply one-digit numbers with up to two decimal places by whole numbers.
- Use written division methods in cases where the answer has up to two decimal places

## Talk time /Speaking and Listening

### The language of argument

- On the one hand
- Convince me that
- I am convinced
- Given that

### The language of deduction

- The facts lead to.
- Based on
- This leads to the conclusion that

## English

### Autumn Texts (Read in school)

Wolf Brother

Suggested home readers

Non – Fiction – Stone Age History

### Reading

To infer information about characters from their thoughts, actions and feelings.

To justify answers using evidence from the text.

To understand an author's choice of language.

To predict using information stated and inferred.

To read and perform poetry with intonation and expression.

### Writing

Diary writing

Non-chronological reports

Poetry (including personification)

Narrative

### Grammar and punctuation

Passive and active verbs

Subordination

Cohesive devices within and between paragraphs

Semi-colons, colons, dashes, brackets and commas.

Revision of grammatical terminology such as noun subject, object, active, passive, synonym, antonym and an ellipsis.

### Composition

Emphasis on purpose, audience, format and 'authors voice.

Character development

### Spelling

Common Exception words for Y5 and Y6

Homophones

Prefixes and suffixes as listed in the KS2 spelling document.

Year 6

Family and  
Community

## Religious Education

To know that the Bible is a library of books and know some stories about people in the Old Testament. To reflect on the Ten Commandments.

I understand we have the responsibility to use our God given talents.

I know some reasons for praising God the creator of the world.

I know Jesus called many people to follow him.

I know why these people responded to his call. I know that following Christ sometimes demands sacrifices.

I can identify some vocations that exist in the life of the Church.

I know that there are two parts to Advent.

I know that it is important to prepare for Jesus to come again.

## Science

- Describe the gestation periods for different mammals.
- To know how humans grow from babies to old age
- Puberty
- To know that light is a source of illumination that allows us to see.
- To know the parts of an eye
- To recall how shadows are formed
- To understand how light can be

## P.E.

Children to be taken by the Year 6 teachers to the Leisure centre for swimming lessons on Fridays.

Children return to school at 3.30pm

Target: To achieve 25m

Please take your child swimming at a leisure centre to support this aspect of the curriculum.

## History or Geography

- To know there are different types of forests
- To understand the uses of forests.
- To know the human impact upon forests.
- To understand the consequences of deforestation.

## History

- To use sources of evidence to investigate the Suffragettes.
- To use a timeline

## D&T or Art

### D&T

- Explore the purposes of different types of bags.
- Explore different sewing techniques.
- Design and make a bag using a range of techniques for a specific purpose.

### Art

#### Sculpture/multi -media

Create a book of poems or prayers to give to others.

## PSHE using Happy Minds

- Peer pressure
- Bullying
- Developing independence
- Positive body image

## Computing

### Research skills

- Recognise when someone is upset, hurt or angry online.
- Describe how to get help for someone that is being bullied online and assess when I need to do or say something or tell someone.
- Explain how to block abusive users.
- Explain how I would report online bullying on the apps and platforms that I use.
- Describe the helpline services who can support me and what I would say and do if I needed their help (e.g. Childline).

## Music

### Performance

- Play and perform in solo and ensemble contexts, using their voices and playing musical instruments with increasing accuracy, fluency, control and expression.
- Influence and compose music for a range of purposes using the interrelated dimensions of music.

## Year 6 Family and Community

## SMSVC/ Gospel values

- Curious and Active
- Intentional and Prophetic

## Phonics or French

French Grammar e.g. I like, I enjoy and I dislike.

The theme is School

## Other opportunities

Home school projects

## Trips/visitors

Tower of London