

**Year 4**  
**Spring two**

**Mathematics**

**The children will be taught to:**

- Compare and classify geometric shapes, including quadrilaterals and triangles, based on their properties and size
- Identify acute and obtuse angles and compare and order angles up to two right angle
- Identify lines of symmetry in 2-D shapes presented in different orientation
- Complete a simple symmetric figure with respect to a specific line of symmetry
- Describe positions on a 2-D grid as coordinates in the first quadrant
- Describe movement between positions as translations of a given unit to the left/right and up/down
- Plot specified points and draw sides to complete a given polygon

**Mathematics—Continuous objectives**

**The children will be taught to:**

- Solve number and practical problems that involve all of the above and with increasingly large positive numbers number and place value
- Solve simple measure and money problems involving fractions and decimal problems to two decimal places
- Solve problems, involving converting from hours to minutes; minutes to seconds; years to months; weeks to days

**Literacy**

**Explanations**

**• The children will be taught to:**

- Read and briefly investigate three different text types to distinguish between explanatory texts, reports and recounts. Recognise key features of explanation texts and identify: the purpose, structure, language features and presentational features.
- Explain how ideas are developed in an explanation text. Work in pairs to orally explain a process or answer a question.
- Explore the short film and, through teacher scribing, shared composition and guided writing, develop awareness of the language features of an explanation text (sentence structure, connectives, passive voice).
- Orally explain a process or answer to a question using language features of the text-type. Provide Short incidental writing opportunities

**• Writing/ Presentation**

- Use a diagrammatic plan and oral rehearsal to support the writing of an explanation text.
- Use the conventions developed through modelled and shared writing and response partners and peer marking to develop skills of redrafting and editing.
- Use information collected from reading more than one source and present it in the form of an explanation text.
- Write an explanation text from a diagrammatic plan, using the conventions of the text-type.

**grammar and punctuation**

**The children will be taught to:**

- Extend the range of sentences with more than one clause by using a wider range of conjunctions, including when, if, because, although
- Use the present perfect form of verbs in contrast to the past tense
- Choose nouns or pronouns appropriately for clarity and cohesion and to avoid repetition
- Use conjunctions, adverbs and prepositions to express time and cause
- Use commas after fronted adverbials
- Indicate possession by using the possessive apostrophe with plural nouns
- Use and understand the grammatical terminology in English

**Spelling**

The /ɔ:/ sound spelt a before l and ll ,  
The /ʌ/ sound spelt o  
The /i:/ sound spelt –ey ,The /ɒ/  
sound spelt a after w and qu, The /  
ɜ:/ sound spelt or after w ;The /ɔ:/  
sound spelt ar after w;The suffixes –  
ment, –ness, –ful and less

## Come and See

**Community-** Life in the local Christian community and ministries in the parish

### **Giving and Receiving**

Living in communion

## Science

### States of Matter

**The children will be taught to**

- Know the differences between solids and liquid
- Describe melting and dissolving and give everyday examples of each;
- Name some materials that will and some that will not dissolve in water;
- Explain why undissolved solids can be separated from a solution by filtering and show how to do this;
- Recognise that although it is not possible to see a dissolved solid it remains in the solution

## P.E

**children will taught to:**

### Gymnastics

- Practice star and straight jumps.
- Use different methods of travel to move around the hall.
- Balancing leading to a change in direction.
- Travelling using the hands and feet.
- Balance on 3 points.
- Develop gymnastic sequences on the appa-

## Geography

**children will be taught:**

understand geographical similarities and differences through the study of human and physical geography of a region of the United Kingdom, and a region in European Country

Maths links: Grid References , problem solving

## Music

**children will be taught:**

- To play and perform in solo and ensemble contexts, using their voices .
- To play a musical instrument with increasing accuracy, fluency, control and expression.

Maths links: counting , time patterns

## Art & Design

Produce prints using a variety of materials including developing own designs using sketches.

Maths links: Measure, shape, problem solving, analytical thinking.

## Computing

**children will be taught to:**

Plan and record material for an I-movie advert to promote our school  
Use software to film, and edit their own i-movie advert

**Cc links (Advertisements Lit)**

Maths links: Shape, Angles, Directions, Position.

## Languages -Spanish

**Children will be taught :**

Maths Links: Numbers 1-100, counting is steps of 5 and 10