

# Year 6 Curriculum

Spring 2



## **Year 6 Spring 2 Curriculum**

1. St Joseph's Wider Curriculum
2. Reading including phonics
3. Writing
4. Maths
5. RE
6. Science
7. Computing
8. History or Geography

## **St Joseph's Wider Curriculum**

The wider curriculum focus this term is 'Enterprise'

During this theme the school will be creating a variety of products that will be sold at our SJF Market on 29th March 2023.

The children will be participating in planning, designing, advertising and creating their unique products.

PSHE objectives will also be taught throughout the unit of work. These include:

- To understand that some jobs are paid more than others and money is one factor which may influence a person's job or career choice: that people may choose to do voluntary work which is unpaid.
- To identify the kind of job that they might like to do when they are older.
- To recognise a variety of routes into careers (e.g college apprenticeship, university)
- To know and learn about some of the skills that will help them in their future careers e.g team work, communication and negotiation and in our enterprise project.

There will be many opportunities throughout the term for the school and the wider community to come together to celebrate our 'Enterprise'

Events include: trips to get inspiration, a careers week and the SJF Market.

## Reading including phonics

### **Expectations for Spring 2**

Reading expected over the week - Half an hour a day

Days reading books expected in school -Mon-Fri

Library visit day - Monday

### **Objectives for Spring 2**

- Evaluate authors' use of language impacts upon the reader
- Find examples of figurative language and how this impacts the reader and contributes to meaning or mood
- Discuss how presentation and structure contribute to meaning
- Explore the meaning of words in context by 'reading around the word' and independently explore its meaning in the broader context of a section or paragraph.

Key vocabulary: Explaining, fact, fiction, bias, challenge, debates

### **Ways to help your child and useful resources**

We expect the children to read for half an hour at home, and there will be chances for them to read for pleasure during the day. They should read a variety of books, fiction and nonfiction, as well as from a range of sources. Books, websites, newspapers, magazines etc... Ask the children what they are reading and what they have understood about the text.

## **Writing**

### **Expectations for Spring 2**

The pupils are expected to write a page of good quality writing a day. They are expected to be independent with their writing and use a purple pen to make any edits or change of spellings.

### **Objectives for Spring 2**

- I can write an extended narrative.
- I can evaluate and edit my writing ensuring consistent use of tense throughout.
- I can write a book review.
- I can write and perform a poem by heart.

**Key vocabulary:** Adverbials. Cohesion. Conjunctions. Metaphors. Smilies. Atmosphere. Modal verbs. Noun phrases.

### **Ways to help your child and useful resources**

Please encourage the children to read as this gives them ideas and vocabulary for their writing ideas. When they complete their English homework, please ensure that this is independent as it gives them the chance to develop their skills of writing at length.

## **Maths**

### **Expectations for Spring 2**

The children are expected to understand the relationships between area and perimeter and to calculate the volume of objects. They will also need to be aware of the geometrical features of both 2D and 3D shapes and understand how to calculate the size of an angle as well as drawing them accurately using a protractor.

### **Objectives for Spring 2**

#### **Area, Perimeter and Volume**

- recognise that shapes with the same areas can have different perimeters and vice versa
- recognise when it is possible to use formulae for area and volume of shapes
- calculate the area of parallelograms and triangles
- calculate, estimate and compare volume of cubes and cuboids using standard units, including cubic centimetres ( $\text{cm}^3$ ) and cubic metres ( $\text{m}^3$ ), and extending to [other units](#)

#### **Geometry**

- draw 2-D shapes using given dimensions and angles
- recognise, describe and build simple 3-D shapes, including making nets
- compare and classify geometric shapes based on their properties and sizes and find unknown angles in any triangles, quadrilaterals, and regular polygons
- illustrate and name parts of circles, including radius, diameter and circumference and know that the diameter is twice the radius
- recognise angles where they meet at a point, are on a straight line, or are

vertically opposite, and find missing angles.

## **Algebra**

- use simple formulae
- generate and describe linear number sequences
- express missing number problems algebraically
- find pairs of numbers that satisfy an equation with 2 unknowns
- enumerate possibilities of combinations of 2 variables

**Key vocabulary:** squared, cubed, length, width, breadth, height, expression, equation, linear, angles, obtuse, acute, reflex. Radius, diameter, parallelogram, triangle, quadrilateral, polygon

## **Ways to help your child and useful resources**

- Go through the weekly arithmetic test with your child, encouraging them to explain their methods to you.
- Check that your child can spell the names of the numbers correctly.
- Ensure they know basic facts and methods and rules when working with fractions, decimals and percentages
- They are confident and secure with their times tables
- Play maths games.
- Look for maths in your environment.

## **RE**

### **Expectations for Spring 2**

We expect the children to be reflective in not only their learning, but in themselves and have their hearts open to God.

### **Objectives for Spring 2**

- To know that Jesus' miracles led many to believe he was the son of God.
- To understand why Jesus washed the disciples' feet.
- To know about the Passion and death of Jesus.
- To understand and reflect on what the resurrection of Jesus means for us

**Key vocabulary:** incarnation, miracles, passion, resurrection, disciples, reflect, betrayal,

### **Ways to help your child and useful resources**

Talk to your child about theirs and your faith. Discuss how they can be more like Jesus in their daily lives and reflect on their actions and words. Discuss the meaning of Lent and why we celebrate Easter.



## **Science**

### **Expectations for Spring 2**

By the end of the unit, the children will understand: What creates light; how light is reflected and how light travels

### **Objectives for Spring 2**

- recognise that light appears to travel in straight lines
- use the idea that light travels in straight lines to explain that objects are seen because they give out or reflect light into the eye
- explain that we see things because light travels from light sources to our eyes or from light sources to objects and then to our eyes
- use the idea that light travels in straight lines to explain why shadows have the same shape as the objects that cast them

**Key vocabulary** : light source, reflection, refraction, reflected, refracted, travels, straight line

### **Ways to help your child and useful resources**

<https://www.bbc.co.uk/bitesize/topics/zcyycdm/articles/z9w9r2p>

## **Computing**

### **Expectations for Spring 2**

Children will know how to be safe on the internet, and have an understanding of networks and online communication.

### **Objectives for Spring 2**

- To identify the purpose of writing a blog.
- To identify the features of successful blog writing
- To plan the theme and content for a blog.
- To understand how to write a blog and a blog post.
- To consider the effect upon the audience of changing the visual properties of the blog.
- To understand how to contribute to an existing blog.
- To understand the importance of commenting on blogs.
- To peer-assess blogs against the agreed success criteria.
- To understand how and why blog posts and comments are approved by the teacher.

**Key vocabulary:** Safety. Online. Networks. World Wide Web. WWW. Blog. Approval. Archive. Collaborate. VLOG

### **Ways to help your child and useful resources**

Talk to your child about online safety and ensure they are aware of online dangers.

## **Geography**

### **Expectations for Spring 2**

In this unit about the Amazing Americas, children will first find out about the continents of North and South America, and the countries that form them. They will also look in more detail at some of the contrasting regions of the Americas, finding out about the landscape, climate and locations of each area. Children will also develop their map and atlas skills and practice reading and writing coordinates. They will learn about the ancient and new wonders of the world, specifically those of the Americas, and they will research a natural wonder of the Americas.

### **Objectives for Spring 2**

- use an atlas to find the names of countries;
- use an atlas to find names of cities;
- identify similarities and differences between a place in North America and where they live;
- identify similarities and differences between the climate of a place in North America and where they live;
- explain the difference between human geography and physical geography;
- describe the significance of the equator, tropics and poles;
- use coordinates to locate places on a map;
- describe key features of some wonders of the Americas;

**Key vocabulary:** Coast. Climate. Coordinates. Tropics. Equator.

### **Ways to help your child and useful resources**

Explore Atlas' and maps with the children.

