

Maths:

Multiplication – mental

Recapping of 4 and 8 division facts.

Multiply and divide by 6.

6 times-table and division facts.

Multiply and divide by 9.

9 times-table and division facts.

Multiply and divide by 7.

7 times-table and division facts.

We will also be learning our times tables and having a rapid recall of these & their corresponding division facts 11 and 12 times-table.

Multiply 3 numbers.

Factor pairs.

Multiplication and Division – written methods

Efficient multiplication.

Written methods.

Multiply 2-digits by 1 –digit

Multiply 3-digits by 1-digit

Divide 2-digits by 1-digit

Divide 3-digits by 1-digit

Correspondence problems.

Measurement – Length and Perimeter

Equivalent measurements cm to m and mm to c

Adding and subtracting lengths

Kilometres.

Perimeter on a grid.

Perimeter of a rectangle.

Perimeter of rectilinear shapes.

English:

Fiction

We will be using the book ‘Flotsam’ by David Weisner as the hook for our first English writing unit. Through this unit, we will look at the structure of the story, create characters, settings and an outline plot for our own creative writing using a wide range of varied vocabulary and sentence constructions. We will complete this unit with writing our own stories in a similar style.

Non-fiction

Linking in with our book ‘Flotsam’, we will use organisational devices to write a report and use some persuasive language techniques.

Year 4 will look at the difference between writing letters in a formal and informal style.

Poetry: Imagery – ‘Painting with words’

In our poetry unit, we will use similes, metaphors and personification to create images.

Reading – Guided Reading activities and independent reading using Accelerated Reader (quizzing on books when finished)

Handwriting – we will be continuing to join all letters using the correct horizontal and diagonal strokes needed to do this.

Spelling

We will be continuing to learn our orange words (y3/4 spelling list) and continue to develop our skills with using dictionaries to check the spelling and meanings of words. Spelling rules: adding the prefix mis-, words ending in zhuh spelt sure and adding the prefix auto-.

Science: States of Matter

We will be continuing our topic from last half term, using the outside environment to help us to learn about solids, liquids and gases.

States of Matter

- compare and group materials together, according to whether they are solids, liquids or gases

- observe that some materials change state when they are heated or cooled, and measure or research the temperature at which this happens in degrees Celsius (°C)

- identify the part played by evaporation and condensation in the water cycle and associate the rate of evaporation with temperature.

-Children will work scientifically and collaboratively to investigate the quickest way to dry a paper towel.

Computing: Programming

We will create programs by planning, modifying, and testing commands to create shapes and patterns. Children will use Logo, a text-based programming language during this unit and here is a link for ‘Turtle Academy’ online: turtleacademy.com/playground

Throughout this unit, children will: program a screen turtle using basic commands which will then be drawn on screen; learn about basic commands and use their knowledge of these to write codes; create algorithms, and debug these as necessary.

Music: Rhythm and notation

During our music lessons, we will begin to read simple rhythms first as pictorial notation and then moving onto reading standard notation – frogs and tadpoles. We will play these on both tuned and untuned percussion instruments, individually, working in pairs and as a larger ensemble.

Children will be improvising and composing using simple rhythms and melodies.

PSHE: Hope and Dreams

In our PSHE unit of work, we will be looking at our hopes and dreams and discussing these. Sometimes hopes and dreams do not come true and this can cause hurt or disappointment, but by reflecting on positive and happy experiences we can counteract disappointment. We will also look at ways in which we can help others to achieve goals.

Art & Design: European Art

Within our ‘European Art’ unit, we will be looking at various famous European artists and some of the techniques they used such as:

how to draw broken buildings (Anselm Kiefer)

paint the ceiling (Michelangelo)

shape houses (Le Corbusier)

drawing a portrait Rembrandt)

The children will use sketchbooks to record observations and use these to review and revisit ideas.

RE: What do Christians learn from the Creation Story?

Through this unit of work, children will:

Place the concepts of God and Creation on a timeline of the Bible’s ‘Big Story’

Make clear links between Genesis 1 and what Christians believe about God and Creation.

Describe what Christians do because they believe God is Creator

Ask questions and suggest answers about what might be important in the Creation Story for Christians living today and for people who are not Christians.

PE:

Tag Gymnastics –

We will be learning different gymnastic skills such as: forward and backward rolls, headstands and using apparatus safely. Children will create short routines linking a sequence of skills together.

Netball

When the weather is kind to us and we can get outside, we will be continuing to practise our netball skills and play High 5 Netball, understanding the roles of different positions.

Circuits

We will be using circuits for fitness and improving our stamina within different stations.

Spanish:

We will be learning Spanish vocabulary about family. They will be learning phrases to introduce their families and to describe them including their pets. They will also learn about some of the cultural differences between family life in England and family life in Spain and common traditions which are celebrated.



Topic Geography:

Over the Spring term, our topic is ‘Spectacular Spain’. We will begin our topic this half term by looking at all of ‘Our European Neighbours’ Year 4 will take trip across the English Channel to discover the continent of Europe! Not only will we discover some fascinating facts about Europe, but we will also find out the names, locations and features of European countries and capitals. We will then compare two European capital cities. By using maps, atlases and researching, we will discover the human and physical features of different European countries. We will then begin our more detailed focus on Spain and compare and contrast Spain with the United Kingdom

Design & Technology: Food...glorious food!

Over the Spring term, Year 4 will be looking at Spanish cuisine and the ingredients within some different dishes. We will look at where these ingredients come from and why these are characteristic within Spanish cuisine. Finally, we will prepare and cook a variety of Spanish dishes.