

Science

We will learn...

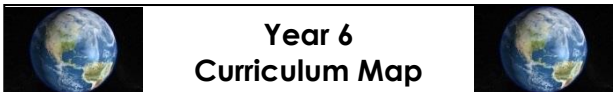
Animalia:

- the animal kingdom can be subdivided into vertebrate and invertebrate
- there are five kingdoms of living things

Staying Alive:

- live processes that are internal to the body
- the impact of lifestyle on bodies, particularly humans

Year 6 Curriculum Map Term 1 and 2 Extreme Environments



Trips:

- Horton hospital visit (IMPS programme) 13th/17th November**
- Church for Harvest and Christmas services**

Maths

We will learn...

- to read, write and compare 6-digit numbers
- to read, write and compare 1-, 2- and 3-place decimal numbers
- to multiply and divide by 10, 100 and 1000
- to round decimals to nearest tenth and whole number
- to convert decimals (up to 3 places) to fractions and vice-versa
- to use mental addition strategies including decimal numbers
- to use column addition to add 5-digit numbers, decimal numbers and amounts of money
- to solve problems involving number up to 3 decimal places
- to express missing number problems algebraically
- to find missing lengths and angles
- to understand how brackets can be used in calculation problems
- to use mathematical reasoning to investigate
- to use mental multiplication strategies to multiply
- to multiply 4-digit numbers by 1-digit numbers and use this to multiply amounts of money
- to solve word problems including two-step problems
- to multiply 3 and 4-digit numbers by teens numbers
- to understand negative numbers
- to add and subtract negative numbers
- to compare fractions with unlike, but related, denominators
- to correctly use the terms fraction, denominator and numerator
- to understand what improper fractions and mixed numbers
- to use mental strategies to divide by 2, 4, 8, 5, 20 and 2;
- to find non-unit fractions of amounts
- to divide 3- and 4-digit numbers by 1-digit numbers, including those which leave a remainder
- to express a remainder as a fraction, simplifying where possible
- to add and subtract unit fractions with different denominators
- to use mental strategies to find simple percentages of amounts

PE

We will learn...

- to learn a sequence of poses; Sun Salutation A
- to choreograph a sequence of gymnastic skills
- to receive ball multi-skills coaching to improve tag rugby and hockey skills

RE

We will learn...

- about Harvest across the World
- to explore the questions: What is the best way for a Muslim to show commitment to God?
- to understand how significant it is that Mary was Jesus' mother
- to discuss whether Christmas celebrations and traditions help Christian understand who Jesus was and why he was born

Computing

We will learn...

- to develop an awareness of the capabilities of smartphones or tablets
- to understand geolocation, including GPS
- to identify interesting, solvable problems
- to pitch a proposal for a smartphone or tablet app
- to develop project management skills

Collective Worship

Our themes this term are:

- Honesty
- Respect

Jigsaw

We will learn...

- to understand what it is to be me in our world
- to celebrate diversity including anti-bullying and diversity themes

Art

We will learn...

- to recognise, describe and mix a variety of colours
- to understand how to create tints and shades through mixing colours
- to complete an artist study on James Turrell

French – Les Planètes

We will learn...

- To develop accuracy in pronunciation and intonation
- To recognise the different conventions of word order
- To understand more complex phrases and write sentences

English

We will learn...

- to be able to retell a narrative with extended recall
- to develop characterisation
- to be able to write a descriptive openings techniques
- to retell a poem with extended recall
- to develop poetry language
- to use imagery to extend poems
- to fully understand the grammatical terms for the range of words in the English language
- to create a poem

Spelling and reciprocal reading will be on-going.

The whole school focus text will be The Lion The Witch and the Wardrobe.

Music

We will learn...

about gospel music. We will be introduced to the context and background of gospel by learning some traditional slave songs as well as some modern gospel numbers. We will develop our performance skills by building on our keyboard technique when playing 'Lean on Me'. We will be using musical terminology to compare and contrast different styles of gospel music and will produce a whole class performance in a gospel style. We will work on our vocal ensemble skills by preparing songs for our whole school Harvest Festival. In term 2, the children will develop their keyboard skills.

Topic

We will learn...

- to recognise the different biomes of our planet
- to know and understand what the Earth is made of
- to understand lines of longitude and latitude and apply this knowledge and understanding to the depths of the oceans
- to learn and understand more about the Earth's deepest ocean trenches, how they are formed and the animals which inhabit them
- to locate and learn about volcanoes including how they are formed and their structure
- to know the effect volcanoes have on the environment
- to research famous volcanoes

Staff

Miss Price – Class Teacher

Mrs Oatridge – Class Teacher (Thursday in 6PO)

Mr Protherough – Class Teacher

Mrs Herbert – HLTA

Mrs Robinson - TA

Mrs Whiston – TA

Mrs Heron- TA

Voluntary activities and Useful websites:

- www.bbc.co.uk/schools/scienceclips
- www.bbc.co.uk/bitesize/ks2/science
- Practise times tables up to x 12 e.g. $12 \times 5 = 60$ and $60 \div 5 = 12$
- Visit your local library
- www.topmarks.co.uk
- www.activelearnprimary.co.uk

Please ensure that your child has a **named** PE kit in school **every day**, including black/navy shorts, white/red round necked T-shirt and well-fitting trainers for PE (Tuesday) and Games (Wednesday).

Please also ensure your child has a **named** water bottle in school every day. This must contain only water.

It is a good idea to send a snack for your child to eat at break time. However, this must only be fruit or vegetables.

Please send your child into school wearing suitable clothing for the season,

Your child's learning pouch **must** come into school with them every day, containing their Home Learning diary and the week's spelling sheet.

Home Learning will be given on a Friday and should be returned by the following Wednesday.