



# Autumn Curriculum Overview Year 5

## Science

- To describe the changes as humans develop to old age by drawing a timeline to indicate stages in the growth and development of humans.
- To describe the changes as humans develop to old age in the context of the development of babies in their first year.
- To describe the changes as humans develop to old age by understanding the changes that take place in old age
- To understand what gestation is and how it varies between animals
- To understand the changes that occur during puberty
- To describe the Sun, Earth and Moon as approximately spherical bodies
- To describe the movement of the Earth, and other planets, relative to the Sun in the solar system
- To describe the movement of the Earth, and other planets, relative to the Sun in the solar system by examining the geocentric and heliocentric theories.

## PSHE

- Understand the term mental health; what it means and how we can take care of it.
- Understand about people who are responsible for helping them stay healthy and safe and ways that they can help these people.
- Realise the consequences of anti-social and aggressive behaviours
- Understand what is meant by the term 'habit' and why habits can be hard to change.
- Understand which, why and how, commonly available substances and drugs (including alcohol and tobacco) could damage their immediate and future health and safety, that some are legal, some are restricted and some are illegal to own, use and supply to others.
- Know the importance of protecting personal information
- Understand how their body will, and emotions may, change as they approach and move through puberty
- Understand the physical and emotional changes that occur in young people during puberty and the impact this can have.

## English

- Planning, drafting and then editing a range of genres based around the Cogheart novel
- Understanding that sentences contain a subject and a verb
- Identifying the subject, verb and object of a sentence
- Identifying and using different types of sentences: statement, question, command and exclamation
- Identifying and using main and subordinate clauses in writing and identifying and using coordinating and subordinating conjunctions
- Identifying tense verbs dictate tense and altering verbs to change the tense of writing between past, present and future
- Using subordinate clauses at the beginning of complex sentences
- Using and accurately punctuating adverbials and parenthesis within writing
- Identifying and using relative clauses within writing
- Accurately using a range of punctuation within writing: semicolons, colons, speech marks, dashes, commas, ellipsis and hyphen
- Understanding that prepositions signify relation to time or place and identifying prepositions within sentences

## Computing

In Computing, the children will be extending their programming skills by planning, creating and coding their own animated story task. This will include speech and movement, switching backgrounds and other various skills like show/hide sprites.

After half term, the children will be moving onto refreshing their own skills in online safety with activities revolving around Digital Wellbeing.

## Numeracy

- Read, write, order and compare numbers to at least 1000000 and determine the value of each digit.
- Count forwards or backwards in steps of powers of 10 for any given number up to 1000000.
- Interpret negative numbers in context, count forwards and backwards with positive and negative whole numbers including through zero.
- Round any number up to 1000000 to the nearest 10, 100, 1000, 10000 and 100000
- Add and subtract whole numbers with more than 4 digits
- Solve addition and subtraction multi-step problems in contexts
- Multiply and divide whole numbers by 10, 100 and 1000.
- Multiply numbers up to 4 digits by a one or two-digit number
- Divide numbers up to 4 digits by a one digit number
- Identify multiples and factors
- Recognise and use the notation for squared (2) and cubed (3)
- Solve problems involving multiplication and division
- Solve problems involving addition and subtraction, multiplication and division and a combination of these
- Solve comparison, sum and difference problems using information presented in a line graph.
- Complete, read and interpret information in tables

## RE

- Understand what Christians believe about God.
- Know how Christians put their beliefs into practice in worship -biblical readings.
- Know how Christians put their beliefs into practice in worship - hymns.
- Understand how Christians put their beliefs into practice in worship
- Understand the importance of a cathedral.
- Understand, compare and explain how religion and science explain creation.
- Use my learning to justify how the earth was created



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## French

- Begin to understand adjectival agreement with colour words related to pencil cases
- Begin to understand the term 'definite article' related to current vocabulary
- Begin to understand the term 'indefinite article' related to current vocabulary
- Begin to understand and use masculine, feminine, plural, 'le, la, les'
- Begin to understand and use masculine, feminine, plural, 'un, une, des'
- Understanding and use of vocabulary for a pencil case and its contents
- Understanding and use of vocabulary for items in a classroom
- Understanding and use of vocabulary for classroom items and furniture

## Music

This term, Year 5 will be learning about the history of rock music, identifying its key features and comparing it to other styles. They will be learning the song 'Livin' on a prayer' by Bon Jovi and improving note reading and playing the glockenspiel. We then move onto Samba music and will be performing a Samba piece as a class, playing call and response rhythm patterns and taking turns to improvise.

## Art and DT

DT:

- Investigate free standing structures
- Develop a range of practical skills to create bends.
- Investigate existing products.
- Select from and use materials and components to make a marble run.
- Evaluate my design and technology work.

Art:

- Create a self-portrait using a variety of lines, tones and shades, ensuring that it is in proportion.
- Learn and understand the works of Holbein, Magritte, da Vinci and Gabo and create and evaluate a piece of art influenced by them.
- Understand and apply the principles of using colours to create and express a mood.
- Investigate coils, slabs and slips when using clay.
- Plan and create a sculpture based upon Gabo, using coils, slabs and slips as necessary.

## Geography

- Use maps, atlases, globes and digital/computer mapping to locate countries and describe features studied.
- Use symbols and a key (including the use of Ordnance Survey maps) to build knowledge of the United Kingdom and the wider world.
- Use the eight points of a compass to build knowledge of the United Kingdom and the wider world.
- Use four and six-figure grid references to build their knowledge of the United Kingdom and the wider world.
- Be able to locate cities from the United Kingdom, countries in Europe and locate countries in the Americas.
- Understand different time zones.
- Compare urban and rural places within the UK

## History

- Understand what life was like in Tudor England.
- Retell the historic event the Battle of Bosworth.
- Learn about significant individuals in the Tudor period.
- Research a monarch of the Tudor period.
- Understand the impact of monarchs on the Tudor monarchy.
- Learn about significant individuals in the Tudor monarchy
- Understand more Mary I's reign during the Tudor monarchy.
- Explain the impact Queen Elizabeth made during her reign.
- Understand what life was like during the Tudor period.
- Understand the chronology of the Tudor monarchy.

## Physical Education

- Link movements when running and combine techniques when following instructions.
- Link the movements running and throwing and understand how force impacts on distance.
- Link the movements of running and jumping and reflect on and improve performance.
- Perform dribbling skills with accuracy, confidence and control.
- Perform dribbling, passing and shooting skills with accuracy, confidence and control.
- Combine relevant skills and techniques within the context of a competitive game
- Perform dribbling, passing and shooting skills with accuracy, confidence and control in full game situations