

Curriculum Overview for LKS2 – Year 3 Autumn Term Being an Explorer



English Overview of Year 3/4

Reading
Y3 Use knowledge to read 'exception' words
 Read range of fiction & non-fiction
 Use dictionaries to check meaning
 Prepare poems & plays to perform
 Check own understanding of reading
 Draw inferences & make predictions
 Retrieve & record information from non-fiction books
 Discuss reading with others
Y4 Secure decoding of unfamiliar words
 Read for a range of purposes
 Retell some stories orally
 Discuss words & phrases that capture the imagination
 Identify themes & conventions
 Retrieve & record information
 Make inferences & justify predictions
 Recognise a variety of forms of poetry
 Identify & summarise ideas

Writing
Y3
 Use prefixes & suffixes in spelling
 Use dictionary to confirm spellings
 Write simple dictated sentences
 Use handwriting joins appropriately
 Plan to write based on familiar forms
 Rehearse sentences orally for writing Use varied rich vocabulary
 Create simple settings & plot
 Assess effectiveness of own and others' writing
Y4
 Correctly spell common homophones
 Increase regularity of handwriting
 Plan writing based on familiar forms
 Organise writing into paragraphs
 Use simple organisational devices
 Proof-read for spelling & punctuation errors
 Evaluate own and others' writing
 Read own writing aloud

Grammar
Y3 Use range of conjunctions
 Use perfect tense
 Use range of nouns & pronouns
 Use time connectives
 Introduce speech punctuation
 Know language of clauses
Speaking & Listening
 Give structured descriptions
 Participate activity in conversation
 Consider & evaluate different viewpoints
Y4 Use wider range of conjunctions
 Use perfect tense appropriately
 Select pronouns and nouns for clarity
 Use & punctuate direct speech
 Use commas after front adverbials
Speaking & Listening
 Articulate & justify opinions
 Speak audibly in Standard English
 Gain, maintain & monitor interest of listeners

Art & Design

Develop ideas from starting point throughout the curriculum.
 - Collect information, sketches and resources.
 - Adapt and refine ideas as they progress.
 - Explore ideas in a variety of ways.
 - Comment on artworks using visual language.
 Using paint
 Use a number of brush techniques using thick and thin brushes, textures, patterns and lines.
 To mix colour effectively.
 Digital media - Create sound recordings and explain why they were created
 Use clay and other mouldable materials
 Add materials to provide interesting detail
 Replicate some of the techniques used by artisans.
 Create original pieces that are influenced by studies of others.

Computing

Getting Connected
 Give examples of the risks posed by online communications.
 Understand the term 'copyright'.
 Understand that comments made online that are hurtful or offensive are the same as bullying.
 Understand how online services work.
 Communicate
 Use some of the advanced features of applications and devices in order to communicate ideas, work or messages professionally.
 Coding – We will be learning to Code to control movements.

Design & Technology

Materials
 Cut materials accurately and safely by selecting appropriate tools.
 Measure and mark out to the nearest millimetre.
 Select appropriate joining techniques.
Mechanics
 Use scientific knowledge of the transference of forces to choose appropriate mechanisms to solve a problem (such as levers, winding mechanisms, pulleys)
Cooking
 Prepare ingredients hygienically using appropriate utensils.
 Measure ingredients to the nearest gram accurately.
 Follow a recipe.
 Assemble or cook ingredients (controlling the temperature of the oven or hob, if cooking).

Geography

Investigating places: Using maps, atlases (including online) and globes at a variety of scales. Locate countries, cities and key physical features, using maps of world, European UK and at a local level. To recognise features of places, ask questions and gives views, Investigating Pattern: Name and locate the Equator, Northern Hemisphere, Southern Hemisphere, the Tropics of Cancer and Capricorn, Arctic and Antarctic Circle and date time zones. Describe some of the characteristics of these geographical areas.- Describe geographical similarities and differences between countries.
Communicating Geographically: Describe key aspects of: human geography, including: settlements and land use.
 • Use the eight points of a compass, four-figure grid references, symbols and key to communicate knowledge of the United Kingdom and the wider world.

Milestone 2 CQ

Maths Overview Year 3/4

Number/Calculation
Y3
 Learn 3, 4 & 8x tables
 Secure place value to 100
 Mentally add & subtract units, tens or hundreds to numbers of up to 3 digits
 Written column addition & subtraction
 Solve number problems, including multiplication & simple division and missing number problems
 Use commutativity to help calculations
Y4
 Know all tables to 12 x 12
 Secure place value to 1000
 Use negative whole numbers
 Round numbers to nearest 10, 100 or 1000
 Use Roman numerals to 100 (C)
 Column addition & subtraction up to 4 digits
 Multiply & divide mentally
 Use standard short multiplication

Geometry & Measures
Y3 Measure & calculate with metric measures
 Measure simple perimeter
 Add/subtract using money in context
 Use Roman numerals up to XII; tell time
 Calculate using simple time problems
 Draw 2-d / Make 3-d shapes
 Identify and use right angles
 Identify horizontal, vertical, perpendicular and parallel lines
Y4 Compare 2-d shapes, including quadrilaterals & triangles
 Find area by counting squares
 Calculate rectangle perimeters
 Estimate & calculate measures
 Identify acute, obtuse & right angles
 Identify symmetry
 Use first quadrant coordinates
 Introduce simple translations
Data Use bar charts, pictograms & line graphs

Fractions & decimals
Y3 Use & count in tenths
 Recognise, find & write fractions
 Recognise some equivalent fractions
 Add/subtract fractions up to <1
 Order fractions with common denominator
Y4 Recognise tenths & hundredths
 Identify equivalent fractions
 Add & subtract fractions with common denominators
 Recognise common equivalents
 Round decimals to whole numbers
 Solve money problems
Data
Y3 Interpret bar charts & pictograms

Modern Languages

Write a few short sentences using familiar expressions.
 Express personal experiences and responses.
 Write short phrases from memory with spelling that is readily understandable
 Read and understand the main points in short written texts.
 Use a translation dictionary or glossary to look up new words
 Understand the main points from spoken passages.
 Ask others to repeat words or phrases if necessary.
 Ask and answer simple questions and talk about interests.
 Take part in discussions and tasks.
 Demonstrate a growing vocabulary.
 Describe with some interesting details some aspects of countries or communities where the language is spoken.
 Make comparisons between life in countries or communities where the language is spoken and this country.

Music

Perform -Sing from memory with accurate pitch. Sing in tune.
 Maintain a simple part within a group. Pronounce words within a song clearly. Show control of voice. Play notes on an instrument with care so that they are clear. Perform with control and awareness of others.
 Compose and perform melodic songs. Use sound to create abstract effects. Create repeated patterns with a range of instruments.
 Create accompaniments for tunes. Use drones as accompaniments.
 Choose, order, combine and control sounds to create an effect. Use digital technologies to compose pieces of music.
 Transcribe - Devise non-standard symbols to indicate when to play and rest.
 Recognise the notes EGBDF and FACE on the musical staff. Recognise the symbols for a minim, crotchet and semibreve and say how many beats they represent.
 Describe -Use the terms: duration, timbre, pitch, beat, tempo, texture and use of silence to describe music. Evaluate music using musical vocabulary to identify areas of likes and dislikes. Understand layers of sounds and discuss their effect on mood and feelings.

Science

To work scientifically
To understand movement, forces and magnets
 -Compare how things move on different surfaces.
 -Notice that some forces need contact between two objects, but magnetic forces can act at a distance.
 -Observe how magnets attract or repel each other and attract some materials and not others.
 -Compare and group together a variety of everyday materials on the basis of whether they are attracted to a magnet, and identify some magnetic materials.
 -Describe magnets as having two poles.
 -Predict whether two magnets will attract or repel each other, depending on which poles are facing

Milestone 2 CQ

History – Milestone 2 CQ

Changes in Britain from the Stone Age to the Iron Age
Investigate and Interpret the Past
 Use evidence to ask questions and find answers to questions about the past.
 Suggest suitable sources of evidence for historical enquiries.
 Use more than one source of evidence for historical enquiry in order to gain a more accurate understanding of history.
 Describe different accounts of a historical event, explaining some of the reasons why the accounts may differ.
 Suggest causes and consequences of some of the main events and changes in history.
To Build an overview of World History
 Give a broad overview of life in Britain from ancient until medieval times.
 Describe the social, ethnic, cultural or religious diversity of past society.
 Describe the characteristic features of the past, including ideas, beliefs, attitudes and experiences of men, women and children.
To understand Chronology – placing dates and events on a timeline., understand the concept of change over time.
To communicate historically – use appropriate vocabulary. Use mathematical, literacy & computing skills to communicate information about the past.

Physical Education

Games - Throw and catch with control and accuracy. Strike a ball and field with control.
 Choose appropriate tactics to cause problems for the opposition. Follow the rules of the game and play fairly. Maintain possession of a ball (with, e.g. feet, a hockey stick or hands).
 Pass to team mates at appropriate times. Lead others and act as a respectful team member.
 Dance - Plan, perform and repeat sequences. Move in a clear, fluent and expressive manner. Refine movements into sequences. Create dances and movements that convey a definite idea.
 Change speed and levels within a performance. Develop physical strength and suppleness by practising moves and stretching.
 Swim between 25 and 50 metres unaided. Use more than one stroke and coordinate breathing as appropriate for the stroke being used. Coordinate leg and arm movements. Swim at the surface and below the water.

Religious Education

Creation\Fall- What do Christians learn from the Creation story? Harvest- Belonging to each other
 symbols Islam- The Qu'ran The Christmas Message

Literacy

Literacy skills underpin all areas of the curriculum; however, we focus on discrete literacy skills daily. We will be developing our speaking and listening; in writing we will be looking at a range of non-fiction and fiction; spelling will be taught discretely and revisited through the week; reading will be focussing on the ability to retrieve information from a text as well as the meaning and the author's choice of language.



Maths

We will be focussing our attention on the place value of numbers; learning and practising our multiplication tables and related division facts and learning more about the four operations. We'll also be applying mathematical skills through other subjects too.



PE

With Mr Larkin, we will be outside learning skills in a variety of games this term. On our second PE session we will be developing and practising our skills in dance and creating our own, then swimming at Halstead Leisure Centre.



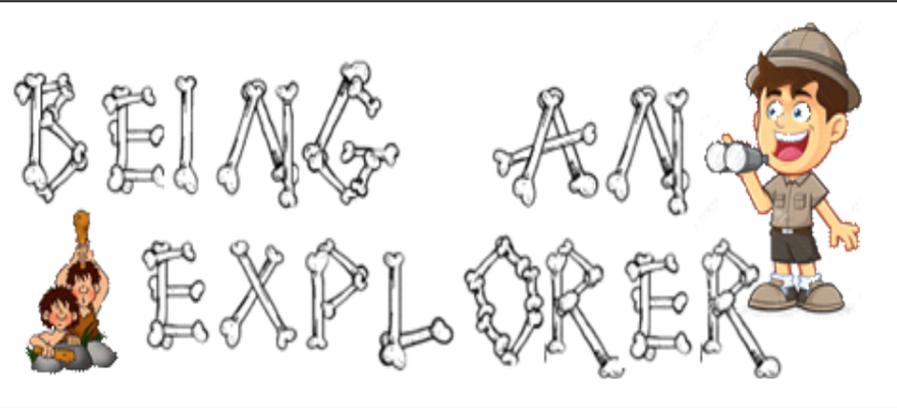
MFL

This term they will be introduced to basic vocabulary: greetings, counting, colours, days of the week, months of the year, family members. Year 4 will continue to build on last year's learning to create more complex phrases.



History

This term we are focussing on the beginnings of history with a study of the Stone age and the development of tools and farming. We will see how life in Britain changed for people as they moved through the Bronze age and into the Iron age. We will take a look at the famous sites of Stonehenge and Skara Brae as part of our evidence.



Geography

We will be locating places via atlases and maps. We will be considering location and features of Stone Henge and why places around the world are protected. We will also be looking at the globe and how we use key lines of latitude to divide up the globe. We will also be looking at our partner school in Canning Town.



PHSE

This term we will be learning how to keep ourselves safe on line as well as examining what Healthy relationships with others are like.



RE

We begin the year by looking at the Christian story of the Creation and Fall. Children will be encouraged to wonder at the beauty of the world. We will be exploring what Christians can learn from the Creation story and thinking of how we can help to look after our planet.



Art

In art we will be exploring paint techniques and efficient colour mixing from primary colours. We will use paint techniques to create water colour pictures. Linked in with history theme, we will be investigating and recreating cave paintings. Through digital media we will be creating a sound scape and explain the meaning. Through using clay will recreate jewellery or balls found in Scotland. We will also experiment making paints and dyes.



Science

Forces and Magnets.

To explore that some forces need contact to work, whilst others don't. We will explore how things move on different surfaces. The children will also be learning about magnets having 2 poles and will predict whether 2 magnets will attract or repel each other, depending on which poles are facing. We will investigate which materials are magnetic and investigate how magnets can have different strengths.

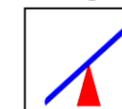


Computing

This term we will be learning how to use the Internet and search more efficiently for information. We will learn how to use digital communication safely and responsibly. Through other subjects, We will learn more about using computers to present our ideas and work.

D.T.

In DT we will be measuring, shaping and shaping to make a group model of Stonehenge. We will also be investigating mechanisms with the 'move it' challenge. We aim to get some iron-age cooking in too.



Music

In music we will be singing and learning to play tuned and untuned percussive instruments. We will be creating a soundscape to accompany a 'stone age hunt'. We also learn to read notation and begin to read music.



Adults in Rowan Class

Monday – Mrs Snow/Mrs Mortimer
 Tuesday to Friday – Mrs Mortimer
 Mrs Scott & Mrs Mizon

