

| Year 4 | Autumn | Spring | Summer |
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| MATHS | <ul style="list-style-type: none"> Place Value up to 10.000 Addition & subtraction of up to 4 digit numbers Multiplication & Division - by 10 and 100, x3 x6 x9 x7 times tables Length & Perimeter - equivalents, kilometers and perimeter of rectilinear shapes | <ul style="list-style-type: none"> Multiplication & Division - x11 x12 times tables and multiply 3 digits by 1 digit Area - by counting squares Fractions - tenths, hundredths, equivalent fractions, greater than 1, addition and subtraction, fractions of a number Decimals - tenths and hundredths | <ul style="list-style-type: none"> Decimals - write, compare and round Money - order, estimate, add and subtract and find change Time - telling time to the minute, 24-hour clock, am and pm, analogue and digital Statistics - line graphs and interpreting charts Properties of shape - angles, triangles, quadrilaterals, lines of symmetry Position & Direction - position and movement on a grid |
| ENGLISH Units from framework | <p>AUTUMN 1</p> <p>The feast - narrative alliteration, dialogue, feelings, repetition for effect, short sentences, fronted adverbials</p> <p>AUTUMN 2</p> <p>The Gut Garden - non-fiction/explanation headings, introduction, sub-headings, explanations, the big finish (conclusion)</p> | <p>SPRING 1</p> <p>The River - poetry structures of poems, rhyme, writing in verses.</p> <p>SPRING 2</p> <p>The Lost Thing - narrative technical vocabulary, direct speech, similes, conjunctions, relative clause</p> | <p>SUMMER 1</p> <p>The Plague - playscript scene, setting, character, stage directions, speech</p> <p>SUMMER 2</p> <p>The Whale - narrative/adventure complex sentences, relative clauses, direct speech, expanded noun phrases, fronted adverbials</p> |

SCIENCE

AUTUMN 1

Electricity - Know what electricity is and why it is important in our lives.

- Know about common appliances that run on electricity
- Know how to conduct a simple series electrical circuit
- Identify and name the basic parts of a circuit, including cells, wires, bulbs, switches and buzzers
- Know that a switch opens and closes a circuit
- Know about some common conductors and insulators

AUTUMN 2

Animals including humans - Know exactly what happens to the food we eat

- Know and name the parts of the digestive system
- Know about the function of each organ of the digestive system
- Know and identify the different types of teeth in humans
- Know the function of different human teeth
- Construct and use food chains to identify producers, predators and prey

SPRING 1

Sound - How we get to hear things and how sound is created.

- Know how sound is made and what happens as sound travels away from its source
- Know how sound travels from the source to the ears
- Know to associate sound with vibration
- Know the correlation between pitch and the object producing a sound
- Know the correlation between the volume of a sound and the strength of the vibrations that produced it

SPRING 2

States of matter - know that some solids, liquids and gases change states

- Know that certain materials can change state
- Know what the temperature of water is when it boils or freezes
- Know which materials, other than water, change state
- Explain the differences between solids, liquids and gases
- Know what is meant by the terms: condensation, and evaporation

SUMMER

Living things and their habitats - know that living things can be grouped in a variety of ways

- Explore and use classification keys to group living things
- Know that plants can be grouped into flowering and non-flowering plants
- Know that animals can be grouped into amphibians, reptiles, birds, mammals and fish
- Recognise that environments can change for good
- Recognise that some changes to the environment can be a danger to living things

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| ICT | <p>Purple Mash 4.2 Online Safety - children identify dangers and risks and make learn to make informed choices</p> <p>Purple Mash 4.1 Code - design a programme and create a code</p> | <p>Purple Mash 4.3 spreadsheets - learn to use 2calculate</p> <p>Purple Mash 4.4 Writing for different audiences - understanding different fonts and texts, writing a newspaper report and use of 2Connect</p> | <p>Purple Mash 4.5 Logo - follow, create and write instructions and make predictions</p> <p>Purple Mash 4.6 Animation - make a simple animation using 2Animate</p> |
| HISTORY | <p>AUTUMN 2/SPRING 1</p> <p>Why was Ancient Egypt’s civilization ahead of its time?</p> <ul style="list-style-type: none"> • Know what was happening in Britain when the Ancient Egyptians were at their most powerful. • Understand how archaeologists have helped us know what happened in Ancient Egypt, Ancient Sumer, the Indus Valley and the Shan Dynasty many years ago. • Know how the Ancient Egyptians were influenced by the Gods. • Know how the powerful Egyptians create a culture of slavery. | <p>SPRING 2/SUMMER 1</p> <p>How did Britain change between the end of the Iron age and the end of the Roman occupation?</p> <ul style="list-style-type: none"> • Know why the Romans came to Britain in the first place • Know how the Romans changed the landscape in Britain • Know why there was some resistance to the Roman occupation • Consider what was the most important change the Romans brought to Britain • Know why the Romans left Britain | |
| GEOGRAPHY | <p>AUTUMN 1</p> <p>How is a River formed? <i>(Including rivers in the UK and the world plus the Water Cycle)</i></p> <ul style="list-style-type: none"> • Know about the key physical features associated with a river • Describe what happens between the source and estuary • Know what a water cycle is • Know where the longest rivers in the UK and the world are <p>Know what causes a flood and how people are trying to prevent it</p> | | <p>SUMMER 2</p> <p>Why do so many British people go to the Mediterranean for their holiday? <i>(contrast climate and physical features)</i></p> <ul style="list-style-type: none"> • Locate the Mediterranean on a map and globe • Know which countries are on the Mediterranean coast • Consider the climate of the UK and that of the Mediterranean each month • Compare and contrast a holiday resort on the Mediterranean with that of one in the UK • Consider similarities and differences of food, language, lifestyle, especially jobs |

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| RE 2023-24 | L2.8 What does it mean to be a Hindu in Britain today? | Why is Jesus inspiring to some people? | L2.6 Why do some people think that life is a journey? What significant experiences mark this? |
| FRENCH Speaking, reading and writing | Phonetics - French sounds and grammar Fruits I am able to... (hobbies) I know how to...(hobbies) | Vegetables Presenting myself (names/address/age etc) | In the classroom At the tearoom, café, restaurant |
| ART | Sculpture Create a 3D sculpture linking with the river woodland environment. Environmental art | Painting - Spring 1 Create a rainforest painting which captures camouflage. <i>Henri Rousseau</i> Landscapes | Drawing - Summer 1 Create a still life drawing based on Mediterranean artists. <i>Cezanne</i> Pastels |
| Design Technology | Healthy and varied diet - Autumn 2 Focus - Savoury dishes Design, make and evaluate a baking a pizza. | Textiles - Spring 2 Focus - Running stitch Design, make and evaluate an A4 sized opening ceremony flag. | Mechanisms - Summer 2 Focus - Electrical systems Design, make and evaluate a torch with changing colours. |
| MUSIC | Why is music so important? | Rainforest Music <ul style="list-style-type: none"> • Listening to the music of rainforest tribes • Listen to music by famous composers mimicking the music of rainforest tribes • Create our own music to reflect the sounds of the rainforest and the music of rainforest tribes. | |

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| PE | <p>4H Swimming water safety, distance at least 25m and stroke improvement on front and back</p> <p>Dance or Yoga with Dream Big Sports</p> <p>Team games and skills with Mr Parker</p> | <p>4H/4S Swimming water safety, distance at least 25m and stroke improvement on front and back</p> <p>Dance or Yoga with Dream Big Sports</p> <p>Team games and skills with Mr Parker</p> | <p>4S Swimming water safety, distance at least 25m and stroke improvement on front and back</p> <p>Dance or Yoga with Dream Big Sports</p> <p>Team games and skills with Mr Parker</p> |
| PHSE | <p>A1 - Online Safety and Discrimination</p> <p>A2 - Bullying and Emotions</p> | <p>Sp1 - Nutrition and food</p> <p>Sp2 - Communication and Emotions</p> | <p>Su1 - Aspirations and Emotions</p> <p>Su2 - Similarities and Differences</p> |