

Year 4	Autumn	Spring	Summer
MATHS	<p>Place Value up to 10.000 including Roman Numerals to 100</p> <p>Addition & subtraction of up to 4 digit numbers</p> <p>Multiplication & Division – by 10 and 100, x3 x6 x9 x7 times tables</p> <p>Length & Perimeter – equivalents, kilometers and perimeter of rectilinear shapes</p>	<p>Multiplication & Division – x11 x12 times tables and multiply 3 digits by 1 digit</p> <p>Area – by counting squares</p> <p>Fractions – tenths, hundredths, equivalent fractions, greater than 1, addition and subtraction, fractions of a number</p> <p>Decimals – tenths and hundredths</p>	<p>Decimals – write, compare and round</p> <p>Money – order, estimate, add and subtract and find change</p> <p>Time – telling time to the minute, 24-hour clock, am and pm, analogue and digital</p> <p>Statistics – line graphs and interpreting charts</p> <p>Properties of shape – angles, triangles, quadrilaterals, lines of symmetry</p> <p>Position & Direction – position and movement on a grid</p>
ENGLISH	<p>Autumn 1 Tell me a dragon Whole school writing project The Wind in the Willows Narrative - Setting description, alternative retell and newspaper article.</p> <p>Autumn 2 The River Poetry The Gut Garden Explanation text Egyptian Cinderella Alternative retell</p>	<p>Spring 1 How to mummify a tomato Instructions The Riddle of the Sphinx Narrative retell Ancient Egyptian Gods Non-chronological report</p> <p>Spring 2 The Wreck of the Zanzibar Narrative – Diary writing and letters Join the Roman Army/Visit Rome Persuasive advert and leaflet</p>	<p>Summer 1 Roman Diary: Journey of Iliona Diary writing The Birth of Rome Poetry The Lost Thing Narrative retell</p> <p>Summer 2 A Midsummer Nights Dream Playscript, debate and character description Ferdinand the Bull Debate Spanish landmarks and festivals Non-chronological report</p>

<p>SCIENCE</p>	<p><u>Autumn 1</u> Electricity – Know what electricity is and why it is important in our lives.</p> <ul style="list-style-type: none"> • 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 <p><u>Autumn 2</u> Animals including humans – Know exactly what happens to the food we eat</p> <ul style="list-style-type: none"> • 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 	<p><u>Spring 1</u> Sound – How we get to hear things and how sound is created.</p> <ul style="list-style-type: none"> • 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 <p><u>Spring 2</u> States of matter – know that some solids, liquids and gases change states</p> <ul style="list-style-type: none"> • 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, changes state • Explain the differences between solids, liquids and gases • Know what is meant by the terms: condensation, and evaporation 	<p><u>Summer 1 and 2</u> Living things and their habitats – know that living things can be grouped in a variety of ways</p> <ul style="list-style-type: none"> • 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
<p>ICT</p>	<p><u>Autumn 1</u> Purple Mash 4.2 Online Safety – children identify dangers and risks and make learn to make informed choices</p> <p><u>Autumn 2</u> Purple Mash 4.1 Coding – design a programme and create a code</p>	<p><u>Spring 1</u> Purple Mash 4.3 spreadsheets – learn to use 2 calculate</p> <p><u>Spring 2</u> Purple Mash 4.4 Writing for different audiences – understanding different fonts and texts, writing a newspaper report and use of 2 Connect</p>	<p><u>Summer 1</u> Purple Mash 4.5 Logo – follow, create and write instructions and make predictions</p> <p><u>Summer 2</u> Purple Mash 4.6 Animation – make a simple animation using 2 Animate</p>

HISTORY	<p><u>Autumn 2/Spring 1</u> 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><u>Spring 2/Summer 1</u> 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><u>Autumn 1/Autumn 2</u> How is a River formed? (Including rivers in the UK and the world plus the Water Cycle)</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><u>Summer 2</u> Why do so many British people go to the Mediterranean for their holiday? (contrast climate and physical features)</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 •
RE	<p>Why do some people think that life is a journey? What significant experiences mark this? Christianity and Hinduism</p>	<p>Why is Jesus inspiring to some people? Christianity</p>	<p>L2.9 What can we learn from religions about deciding what is right and wrong? Christianity and Humanists</p>

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	<u>Autumn 1</u> Sculpture Create a 3D sculpture linking with the woodland environment. Environmental art	<u>Spring 1</u> Painting Create a rainforest painting which captures camouflage. Henri Rousseau Landscapes	<u>Summer 1</u> Drawing Create a still life drawing based on Mediterranean artists. Cezanne Pastels
DESIGN TECHNOLOGY	<u>Autumn 2</u> Mechanisms Electrical systems Design, make and evaluate an electrical torch with changing colours.	<u>Spring 2</u> Textiles Running stitch Design, make and evaluate an A4 sized flag.	<u>Summer 2</u> Food Technology Design and prepare an afternoon tea for a small group, including at least one adult.
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. 	
PE	4K Swimming Water safety, swim to a distance of at least 25m and stroke improvement on front and back 4K and 4S PE with Dream Big Team games and skills 4S PE Dance or Yoga	4K/4S Swimming Water safety, swim to a distance of at least 25m and stroke improvement on front and back 4K and 4S PE with Dream Big Team games and skills 4K and 4S PE Dance or Yoga	4S Swimming Water safety, swim to a distance of at least 25m and stroke improvement on front and back 4K and 4S PE with Dream Big Team games and skills 4K PE Dance or Yoga
PSHE	<u>Autumn 1</u> Online Safety and Discrimination <u>Autumn 2</u> Bullying and Emotions	<u>Spring 1</u> Nutrition and food <u>Spring 2</u> Communication and Emotions	<u>Summer 1</u> Aspirations and Emotions <u>Summer 2</u> Similarities and Differences

