

Year Five: Curriculum Map 2015-16

Subject	Autumn 1 st half	Autumn 2 nd half	Spring 1 st half	Spring 2 nd half	Summer 1 st half	Summer 2 nd half
English	Charlie & the Chocolate Factory Roald Dahl Biography of Roald Dahl, Storyboarding, Letter writing, Diary Entry, Advertisement, Descriptive Writing- characters & settings Kensuke's Kingdom Michael Morpurgo Balanced argument, Haiku poem, Diary extracts, Letter writing, Non chronological report	SPOOCS – Ghost Hunting project Application form, Non chronological report, Recounts, Explanation texts Descriptive writing- setting description The Highwayman Character analysis Hot seating, Diary entry, Story-boarding, Drama	Greek Myths Myths of the constellations Character description Play scripts Creating own Greek myth Setting descriptions	Friend Or Foe Diary entry Letters Descriptive writing The Piano (Film) Character description Storyboarding Descriptive writing Shakespeare – Romeo & Juliet	Family From One End Street Drama & hot seating, Diary extract, Narrative writing, Character descriptions. The legend of Tom Truehart. Gangsta Granny Making predictions. Letter writing in role, Author Fact file, Review of programme/ film	Magik Circus Character descriptions, Setting descriptions, Hot seating, Letter to character Midnight Pirates Diary extracts, Hot seating, Setting description, Writing a new chapter/ scene
Maths	Number Sense Read, write, order and compare, numbers to at least 1,000,000, know the value of each digit. Round to the nearest 10, 100 or 1000, 10,000 & 100,000. Solve problems. Multiply & divide by 10, 100 & 1000. Read & write decimals as fractions, recognise & use decimals to 3 places. Round decimals with	Multiplicative Reasoning Identify multiples & factors. Multiply & divide numbers with 4 digits by a 1 digit number using a formal method. Interpret remainders. Multiply & divide mentally. Solve problems involving all 4 operations and a combination of these. Geometric Reasoning Identify 3D shapes from 2D representations, estimate & compare	Additive Reasoning Revisit and consolidate previous learning. Extend by applying in a range of contexts. Measure & calculate the perimeter. Number Sense Compare & order fractions whose denominators are all multiples of the same number. Recognise mixed numbers & improper fractions and convert between them.	Multiplicative Reasoning Know & use the vocab of prime numbers, prime factors and composite numbers, establish whether a number up to 100 is a prime & recall primes to 19. Recognise & use square & cube numbers. Solve problems that require knowing % and decimal equivalents.	Number Sense Revisit and consolidate previous learning. Extend by applying in a range of contexts. Additive Reasoning Revisit and consolidate previous learning. Extend by applying in a range of contexts. Add & subtract fractions with the same denominator & denominators that are multiples of the same number.	Multiplicative Reasoning Multiply numbers with up to 4 digits by a 1 or 2 digit number, including long multiplication for 2 digit numbers. Multiply proper fractions & mixed numbers. Understand and use approximate equivalences between metric units and common imperial

	up to 2 places. Solve problems with decimals to 3 places. Convert between metric units. Additive Reasoning Add & subtract numbers with more than 4 digits using formal written methods. Use mental methods to add & subtract large numbers. Use rounding to check answers. Solve problems choosing operations & methods to use. Solve problems with measures & decimals. Interpret & solve problems where information is presented in graphs, charts & timetables.	acute, obtuse & reflex angles, identify angles at a point, angles on a straight line & other multiples of 90°. Find missing lengths & angles in rectangles, recognise regular & irregular polygons. Number Sense Revisit and consolidate previous learning. Extend by applying in a range of contexts. Interpret negative numbers in context, read Roman numerals to 1000 and recognise years written in RN.	Recognise & understand the % symbol. Write % as a fraction with a denominator of 100 and as a decimal. Identify, name & write equivalent fractions of a given fraction.	Geometric Reasoning Continue to develop understanding of shape and angles. Identify, describe & represent the position of a shape following a reflection or translation.	Number sense Develop and extend understanding of the relationship between fractions decimals and percentages and how they fit into the number system. Use this understanding to solve problems	units. Geometric Reasoning Find the perimeter of composite shapes in cm and m. Calculate the area of rectangles using standard units and estimate the area of irregular shapes. Estimate volume to build cuboids and capacity.
IPC unit	Space Explorers	Making New Materials	The Great, The Bold & The Brave	What a Wonderful World	Roots, Shoots & Fruits	Fascinating Forces
Science	Enquiry skills, carrying out experiments, recording results and drawing conclusions. Learning about: Making a pinhole viewer to record the size of the Sun and	Enquiry skills, carrying out experiments, recording results and drawing conclusions. Learning about: The chemistry of cooking. What happens when		Enquiry skills, carrying out experiments, recording results and drawing conclusions. Learning about: How to classify different types of	Enquiry skills, carrying out experiments, recording results and drawing conclusions. Learning about: What plants grow in our local area How to sort and group	Enquiry skills, carrying out experiments, recording results and drawing conclusions. Learning about: How to explain that unsupported objects fall towards the Earth

	the Moon. Comparing the size of the planets and their distance from the Sun. The movements of the Earth, Sun and Moon and how they affect us. Classifying rocks and comparing rocks on Earth with those on the Moon. How craters are formed and the forces that are involved. Making a spectrometer to find out about light and what it contains. How light travels. Creating a timeline to show the life cycle of a star. The planets in our solar system	we dissolve or melt things? Gases and what they are. Different materials used in the kitchen. Conductors and insulators. Magnetic materials and their uses.		rock and soil Effects of weathering on different types of rock Different types of cloud and how they are formed How we can set up a weather station and record data	plants What the parts of a plant are The function of roots What plants need in order to grow How flowers attract insects How plants reproduce How seeds are spread	because of the force of gravity acting between the earth and the falling object. The effects of air resistance & friction, that act between moving surfaces. How some mechanisms, including levers, pulleys & gears, allow a smaller force to have a greater effect
History/ Geography			History Learning about the Greek city-states of Athens and Sparta Exploring the political systems in Athens and Sparta Learning about the Persian Wars and their impact on Greece	Geography About different regions and environments around the world How to use different types of map to find out information About the forces and processes that shape	Geography Finding out different parts of the world where plants grow.	

			Learning about Athenian life by studying the Parthenon Finding out about the origins of the Olympic Games Planning and performing our own Greek play Finding out about Alexander the Great Discovering why Rome had a republic and then an emperor Finding out about daily life in Ancient Rome Exploring the impact of Roman invasion on another country Understanding the cause and effect of the fall of the Roman Empire Learning about people and culture through archaeological evidence Performing a case-study of Britain, from Roman occupation to the Norman Conquest	our planet About extreme weather events and how they affect people and localities About the possible causes of climate change and its effects on our planet How man-made changes can alter/change our local environment How we can set up a weather station and collect data about our local weather		
Art/Design Technology (DT)	Art Finding out about nebulae and how we can capture their shape, colour and patterns in art. Finding out about satellites and how we	Art Learning about: How artists use different materials in their work. How to choose materials to express an idea.	Art Learning about Ancient Greek and Roman art Creating our own piece of art in a Greek or Roman style			DT How to make a sailing boat or flying paper plane

	can create our own satellite images. DT Finding out about the technology that is being used to explore Mars. Designing and making our own vehicle to explore a planet's surface .	DT How to make our own clay. How glass is made. How to create a brand new material.				
Music	Understanding lyrics, Music from around the World.		Understanding musical genres		Songwriter	
ICT	E-safety	Programming		We are Photographers	We are Statisticians	Programming
RE	Rites of Passage		Worship		Pilgrimages	
PE	Into and out of (gym). tag rugby, netball		Dance unit 5, tennis, athletics		Rounders, swimming	
French	Greetings, French names and Classroom instructions, Numbers 1 – 12, Days and months, Christmas		Colours, Personal information (about names, age and where they live), Numbers to 31 (Y5 and 6 to 69), Classroom objects		Animals, Parts of the body, Fruit Birthdays (also revising numbers and months)	
PSCHE Learning about values	Pride Friendship	Generosity Contentment	Honesty Love	Tolerance	Perseverance Self-belief	Creativity Individuality