



Year 4 IPC Curriculum Map 2018-2019

	Autumn	Autumn	Spring	Spring	Summer	Summer
TOPIC	Temples, tombs and treasures (6 ¾ weeks)	Land, Sea & Sky (5 ¼ weeks)	Bright Sparks (3 ½ weeks) Turn it up (3 ¾ weeks)	Different Places, similar lives (7 ½ weeks)	All aboard (6 weeks)	Feel the force (3 weeks) Let's plant it (3 ½ weeks)
ENGLISH	Charlie and the Chocolate Factory IPC: The Ancient Egyptians - Imogen & isobel Greenberg	Varjak Paw (Power of Reading) IPC: One Day on our Blue Planet: In the Savannah - Ella Bailey	Wolves in the walls (Visual Literacy) IPC: Traction Man meets TurboDog - Mini Grey The Illustrated Iron Man - Ted Hughes & Laura Carlin	Phileas Fortune IPC: Dancing in the Rain - John Lyons	Friend or Foe IPC: Emil and the Detectives - Erich Kästner	Beowolf IPC: Pugs of The Frozen North - Philip Reeve & Sarah McIntyre Mama Miti - Donna Jo Napoli & Kadir Nelson
Maths	Number: Place Value Number: Addition and Subtraction	Measurement: Length and Perimeter Number: Multiplication and Division	Number: Multiplication and Division Measurement: Area	Number: Fractions Number: Decimals	Number: Decimals Measurement: Money Measurement: Time	Statistics Geometry: Properties of Shape Geometry: Position and Direction
SCIENCE	Habitats <ul style="list-style-type: none"> How to create a classification key to group animals 	<ul style="list-style-type: none"> How water plants are different from other plants How fish have adapted to living in water How birds are adapted to flying About different kinds of rocks and soils How fossils are formed About food chains in different world habitats About the life 	<ul style="list-style-type: none"> Which common appliances run on electricity How to make an electrical circuit Which materials allow electricity to pass through them What happens when we change a circuit How to build bigger circuits About magnetism and electricity About using 		Teeth and Digestion	<ul style="list-style-type: none"> What forces are and where they come from What friction is and how we use friction How we can reduce or increase friction How to measure the strength of a force How magnets and magnetic forces work About plants in our local area



		<p>cycles of plants and animals</p> <ul style="list-style-type: none"> • About different kinds of rocks and soils • How fossils are formed 	<p>electricity as heat</p> <ul style="list-style-type: none"> • How to keep safe around electricity • How sounds are made • How to change sounds • How sounds travel to the ear • About the volume of sounds • About sound and noise • Where light comes from • How shadows are formed 			<ul style="list-style-type: none"> • What plants need in order to grow • About water transport within plants • About local food chains • Why plants have leaves • About different rocks and soils •
History	<ul style="list-style-type: none"> • Why rivers were important to ancient civilisations • What daily life was like in Ancient Egypt • How to write using Egyptian hieroglyphics • About the different rulers of Egypt • About Ancient Egyptian religion and burials • How the Ancient Egyptians might have built the pyramids • About the 	<ul style="list-style-type: none"> • 	<p>Tudors</p> <p>IPC</p> <p>About the history of the electric light bulb</p>	<ul style="list-style-type: none"> • About important people in the countries we are studying • About the way important people have changed lives • How to make a timeline for the host country 	<ul style="list-style-type: none"> • About the early innovators who invented the railways • The impact of the invention of railways on different groups in society • How railways changed towns and cities around Britain • What working conditions were like for the people who built the railways • How the growth of railways changed how 	



	<p>treasures discovered in Tutankhamun's tomb</p> <ul style="list-style-type: none"> • How to use different sources to find out about Ancient Sumer • How to compare life in Ancient Sumer with life in Ancient Egypt 				<p>people spent their leisure time</p> <ul style="list-style-type: none"> • How railways were built and continue to develop around the world • How railway safety has changed throughout time 	
Geography				<ul style="list-style-type: none"> • What different countries are like • How the climate affects the way people live • Where our food comes from • What people grow and eat in different countries • What products we make in our host country 		<ul style="list-style-type: none"> • Where the plants we eat come from
Art	<ul style="list-style-type: none"> • How to plan and create our paprus cave painting • How to make an Ancient Egyptian neck collar • Ancient Egyptian pottery 				<ul style="list-style-type: none"> • How railways influenced advertising • About the Futurist art movement which produced works influenced by steam trains 	



<p>Design and Technology</p>		<ul style="list-style-type: none"> • How to set up an aquarium 	<ul style="list-style-type: none"> • How to make a house with lighting and a door buzzer • How to make panpipes 	<ul style="list-style-type: none"> • How people, food and water are transported • How wheels, levers, pulleys, slides and floats work • About the development of the motor car and how it has changed the world 	<ul style="list-style-type: none"> • How technology has changed over time • How to plan and prepare savoury biscuits like railway journey snacks of the past • How to design and make food packaging 	<ul style="list-style-type: none"> • How to design and make a marble run • How to add sounds, lights and control mechanisms to a structure • How to make a garden obelisk •
<p>MUSIC</p>	<p>Mamma Mia - Charanga</p> <p>IPC</p> <p>About the instruments used in Ancient Egypt and Ancient Sumer</p> <p>How to create our own music to retell a story from an ancient civilisation</p>	<p>Glockenspiel Stage 2 – Charanga</p>	<p>Stomp! – Charanga</p> <p>IPC</p> <p>How to play a simple tune on the recorder</p>	<p>Lean on me - Charanga</p>	<p>Blackbird – charanga</p> <p>IPC</p> <p>How railways have influenced songs around the world</p> <p>About composing and performing percussion pieces influenced by trains and railway</p>	<p>Reflect, rewind and play</p>
<p>PE</p>	<p>Invaders Boot Camp</p>	<p>Dynamic Dance Mighty Movers (Boxercise)</p>	<p>Gym Sequences Step to the Beat</p>	<p>Striking and Fielding Gymfit Circuits</p>	<p>Nimble Nets</p> <p>Cool Core (Pilates)</p> <p>IPC</p> <p>How railways influenced the history of football</p> <p>How to perform country dances inspired by the railway</p>	<p>Young Olympians Fitness Frenzy</p>



COMPUTING						
RE	Bible		Jewish Beliefs	Christianity		World Religions
			Light and Christmas			
INTERNATIONAL	<ul style="list-style-type: none"> How to plan an Ancient Egyptian celebration to share with friends and family 	<ul style="list-style-type: none"> How environmental changes are a threat to the world's coral reefs About Earth Day and how we can help our planet 	<ul style="list-style-type: none"> How we produce electricity in our country Why saving electricity is good for the planet About music in different cultures and countries About the harmful effects of light pollution 	<ul style="list-style-type: none"> About the difference between rich and poor countries Why people around the world have different lives What is being done to help the least developed countries 	<ul style="list-style-type: none"> About famous railway journeys around the world How railway stations are sometimes used as a shelter, looking at rights and responsibilities 	<ul style="list-style-type: none"> About extreme and dangerous forces About cash crops If eating more plants could make a difference to the world
Society				<ul style="list-style-type: none"> About ways of life in different countries About festivals and celebrations in other countries 		