

Year 5/6 Markeaton Primary School Long Term Planning (2 year cycle)

	<u>Cycle 1 (2019 2020)</u>			<u>Cycle 2 (2020 2021)</u>		
<u>Term</u>	<u>Autumn – Thinking Big</u>	<u>Spring- Derby Past and Present</u>	<u>Summer- Our Changing World</u>	<u>Autumn- Time Travellers</u>	<u>Spring- Planet Earth</u>	<u>Summer – Let us Entertain you</u>
<b>Literacy</b> <b>ENTERTAIN</b> <b>INFORM</b> <b>PERSUADE</b> <b>DISCUSS</b> <b>READING</b>	Read Write Perform Lost in Space  Narrative writing – sci fi superhero stories  Formal letter and Discussion texts ‘Hidden figures’  Poetry – devices and imagery / description A dog called Laika  Reading Comprehension VIPERS	Biographies Local heroes  Historical fiction study (Children of Winter / Kiss of Death)  Narrative writing / story telling - folklore  Recounts - Ked Hall  Persuasive writing – letters (Kedleston Voice) (Park vandalism / improvements)	Stories from other countries / that raise dilemmas (Journey to Jo’burg)  Non Chronological reports (endangered species)  Narrative writing – characters and viewpoints (Lemony Snickett)  Poetry – poetic structures  Newspaper reports	Established Author study – Clive King Stig of the Dump  Battle cry!  Narrative writing – adventures and quests (Barrowquest choose your own adventure)  Recounts – Creswell Craggs / Philip Petite  Poetry Narrative poems (Highwayman)	Narrative writing - Who Dunnits  Poetry – free verse / performance poetry  Discussion formal and informal styles (palm oil)  Non Chronological reports (y5)  Replay  Reading Comprehension VIPERS	Playscripts – Shakespeare Diary Entry and News report  Fantastic Beasts and Where to Find Them – Formal writing Non Chron (y6)  Greek Myths and Legends (Percy Jackson style) Book Creator  Lemon Experiment - Scientific writing

<b>Maths</b>	<p>Number – Place value</p> <p>Number – Operations</p> <p>Number – primes factors and multiples</p> <p>Geometry – Angles and shape</p> <p>Geometry – Position, direction and transformation</p>	<p>Number – Fractions Decimals Percentages</p> <p>Number – Algebra</p> <p>Measures – Converting units of measurement and scale factors</p> <p>Geometry – Area and perimeter Circles</p>	<p>Number – Algebra</p> <p>Number - Ratio, scale factors and Statistics</p> <p>Measures – Volume</p> <p>Number – Operations</p> <p>Investigations</p>	<p>Number – Place value</p> <p>Number – Operations</p> <p>Number – primes factors and multiples</p> <p>Geometry – Angles and shape</p> <p>Geometry – Position, direction and transformation</p>	<p>Number – Fractions Decimals Percentages</p> <p>Number – Algebra</p> <p>Measures – Converting units of measurement and scale factors</p> <p>Geometry – Area and perimeter Circles</p>	<p>Number – Algebra</p> <p>Number - Ratio, scale factors and Statistics</p> <p>Measures – Volume</p> <p>Number – Operations</p> <p>Investigations</p>
<b>Science</b>	<p>How do the Earth, sun and moon move?</p> <p>How do day / night/ seasons happen?</p> <p>Who found out about the world around us?</p> <p>How do forces work? Gravity, air resistance, upthrust</p> <p>How do pulleys, gears and levers work?</p> <p>How do shadows move and change?</p> <p>What is our earth made of? What does it look like inside?</p>	<p>How is Derby's water and waste system sorted?</p> <p>How are materials separated?</p> <p>What is an irreversible change?</p> <p>Dissolving and evaporating</p>	<p>What is a life cycle?</p> <p>How will I change as I get older? RSE</p> <p>How can I keep my body and mind stay healthy?</p> <p>How do I say NO? (Drug Ed)</p> <p>How does my heart work?</p> <p>What about skeletons, muscle and nervous? – Nervous system</p>	<p>How have living things changed over time?</p> <p>How can fossils tell us about the past? How are they made?</p> <p>What is evolution?</p> <p>How have living things adapted to suit their environment?</p> <p>What are thermal insulators?</p> <p>How can things keep warm in an ice age?</p> <p>Who can tell us about the past?</p>	<p>How do plants reproduce?</p> <p>How do plants survive and adapt?</p> <p>Who has found out about the world around us?</p> <p>How can we group and classify living things?</p> <p>How do the life cycles of different animals differ?</p> <p>How are living things classified? (Goto keys)</p> <p>St John's training</p>	<p>How do we see?</p> <p>How does light travel?</p> <p>What is the spectrum?</p> <p>How can we see round corners?</p> <p>Can we make blackout curtains?</p> <p>What is an electrical circuit and how does it work and how can we change it?</p> <p>How do we draw a circuit diagram?</p> <p>What is an electrical conductor/ insulators?</p>

<b>Computing</b>	How can we program a computer? (Scratch)	How can we use the internet safely and efficiently?	How can we communicate using computers? (research email school link)	Can we use ICT to effectively present research?	Can we use a database effectively?  (Internet safety)	Can we make a film?
<b>Computing will immerse itself in all areas of the curriculum with emphasis placed upon a pupil's ability to apply those skills they have learnt in context.</b>						
<b>Geography</b>	What are time zones? What are longitude and latitude? Where in the world is...? Rivers mountains and deserts How many capital cities can you name and locate?	Where is Derby? How are local physical features used in Derby? Can we undertake a local research study that affects Derby? How has our locality changed? Why would people want to live in Derby?	How do natural features change over time? Coasts and rivers How can we look after our World? 6fig grid references Ordnance survey symbols	Why would people choose to settle in certain places?	What are biomes? What are the tropics and Antarctic / Antarctic circles? What environmental issues affect our world? How can people survive in difficult environments?	
<b>History</b>	What do we know about the beginning of the world?	What can we find out about local people and their legacies to Derby and beyond? How has Derby and Derbyshire been affected by national history? Which buildings and sites are important to Derby?	How has my life been shaped and what is my future? How does Parliament affect decisions made in our country?	How have people and societies changes over time? What was life like for Early man? What can we learn from history? What historical legacies are still with us today? How did the Roman Empire shape Britain?		What mark have the Ancient Greeks left on the world? What was life like for Ancient Greeks? What can we learn from the Ancient Greeks?
<b>Art</b>	Can we use techniques from famous artists to influence our work – eg van Gogh? How do artists show light and dark in their work?	Can we use technology to capture Derby artistically?  Who are our local artists and how can we learn from them?	What do we look like? Can we use techniques from famous artists to influence our work – eg Picasso Gioconcetti?	How can we use 3d modelling in art?	How can we use naturally found patterns in art? William Morris, printing Georgia O Keefe	What is it like to visit an art exhibition?  Can we create a class art gallery?

<b>DT</b>	Can we make a moving toy that uses a mechanical system?	How can we textiles to create works of art?	Can we cook a healthy menu?	Can we build a Roman fort?	Can we make a soft toy?	Can we make a working electrically powered vehicle?
<b>Music</b>	How can computers help us write music? Can we write a song?	Local folk music Can I sing melodies and harmonies? Composition – journey through Derby	How has music changed through the ages?	How do we read and record musical ideas?	How is music affected by tradition and culture? /	Can we entertain others with our performance?
<b>French</b>	Can we speak and write about Sport and food in French?	Can we speak and write about My town in French?	Can we speak and write about in French?	Can we speak and write about my home in French?	Can we speak and write about animals in French?	Can we speak and write about pass times and school life in French?
<b>RE</b>	What do religions teach about the natural world and why we should care for it? P4C	How can we make our village/town/country a more respectful place? Mindfulness	How can religions help to build a fair world? What do religions say to us when life gets hard?	What can we learn from religions about deciding what is right or wrong? P4C	Why is pilgrimage important for religious believers? Mindfulness	How do people express their faith through the arts?
<b>PE YMCA</b>	Can we devise a dance using choregraphical techniques? Can we play a fair invasion game? Hockey skills - game	What makes a good gymnast? Floor y5 Invasion games How do we play basketball and netball? skills - game	Can we play a fair net a wall game? Tennis / badminton Can we work as a team and not get lost? Athletics	Can we make a gymnastic sequence? Apparatus y6 Can we play a fair invasion game? Tag Rugby skills - game	Can we create dances from different cultures? Can we play a fair invasion game? Football skills - game	Can we strike and field? Cricket and rounders What is athletics and how can we improve our performance?
<b>PSHE and R Time</b>	How do we deal with bullying? How do we learn best?	What is important to us? What mark will we leave on the world? How can we help our community?	What will happen to me in the future? How will my body change? How can I be assertive? Where can I get help?	How can I work with others? What are my strengths?	What is happening in the world around us? How can we make the world a better place?	Where do I fit in? How can I look after myself financially? What about the future?