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

	Cycle 1			Cycle 2		
Term	**Autumn – Thinking Big**	**Spring - Derby Past and Present**	**Summer – This is Me**	**Autumn - Time Travellers**	**Spring - Planet Earth**	**Summer – Let Us Entertain You**
English Writing to entertain	Narrative writing: superhero stories Poetry: performance poetry (the Raven) and poetic devices (based on 'Laika') Lost in Space transmission	Horrible Histories (Eyam) Folk story telling Evacuee letter	Narrative writing: A Series of Unfortunate Events Poetry: Imagery and Representation / Poems on a theme	Narrative writing: adventures and quests	Narrative writing: 'Who Dunnits' Narrative Flashback: Replay	Shakespeare: Romeo and Juliet Narrative writing: fantasy, myths and legends Poetry: Narrative poetry (the Highwayman)
Writing to persuade	Formal letter: Hidden Figures	Visit Derby booklet	Formal letter and CV: Applying for a job	Persuasive speech: Battle cry	Formal letter: Palm oil and plastic pollution	Formal letter: Fantastic Beasts and where to find them
Writing to inform	Recounts: Hidden Figures	Biographies of famous Derbians	Non-chronological report: the human body Science Investigation: How does exercise affect my heart?	Newspaper report: Mary Anning Explanation: How did Dinosaurs die out?	Recount: Shackleton's journey	Non-chronological report: Fantastic Beasts and where to find them Science Investigation: How to make a lemon battery
Writing to discuss	Did we land on the moon?		Should we use xenotransplantation?		Should we visit zoos?	
Other			There's a Boy in the Girls' bathroom	The Ice Monster		
Reading	The Girl of Ink and Stars	Goodnight Mister Tom	Holes	Explorers	Floodland	Who let the Gods out?
	Cosmic	Letters from the Lighthouse	The Boy at the Back of the Class	High Rise Mystery	Boy in the Tower	Can You See Me?

<table>
<tr>
<td>Maths</td>
<td colspan="3">
Year 5 overview
<table>
<tr><th></th><th>Week 1</th><th>Week 2</th><th>Week 3</th><th>Week 4</th><th>Week 5</th><th>Week 6</th><th>Week 7</th><th>Week 8</th><th>Week 9</th><th>Week 10</th><th>Week 11</th><th>Week 12</th></tr>
<tr><td>Autumn</td><td colspan="3">Number: Place Value</td><td colspan="2">Number: Addition and Subtraction</td><td colspan="2">Statistics</td><td colspan="2">Number: Multiplication and Division</td><td colspan="2">Measurement: Perimeter and Area</td><td>Consolidation</td></tr>
<tr><td>Spring</td><td colspan="3">Number: Multiplication and Division</td><td colspan="5">Number: Fractions</td><td colspan="2">Number: Decimals and Percentages</td><td>Consolidation</td></tr>
<tr><td>Summer</td><td colspan="4">Number: Decimals</td><td colspan="3">Geometry: Properties of Shape</td><td>Geometry: Position and Direction</td><td colspan="2">Measurement: Converting Units</td><td>Measurement: Volume</td><td>Consolidation</td></tr>
</table>
</td>
<td colspan="3">
Year 6 overview
<table>
<tr><th></th><th>Week 1</th><th>Week 2</th><th>Week 3</th><th>Week 4</th><th>Week 5</th><th>Week 6</th><th>Week 7</th><th>Week 8</th><th>Week 9</th><th>Week 10</th><th>Week 11</th><th>Week 12</th></tr>
<tr><td>Autumn</td><td colspan="2">Number: Place Value</td><td colspan="4">Number: Addition, Subtraction, Multiplication and Division</td><td colspan="3">Number: Fractions</td><td>Geometry: Position and Direction</td><td>Consolidation</td></tr>
<tr><td>Spring</td><td colspan="2">Number: Decimals</td><td colspan="2">Number: Percentages</td><td colspan="2">Number: Algebra</td><td>Measurement: Converting Units</td><td colspan="2">Measurement: Perimeter, Area and Volume</td><td colspan="2">Number: Ratio</td><td>Consolidation</td></tr>
<tr><td>Summer</td><td colspan="2">Geometry: Properties of Shape</td><td colspan="3">Problem Solving</td><td colspan="2">Statistics</td><td colspan="4">Investigations</td><td>Consolidation</td></tr>
</table>
</td>
</tr>
<tr>
<td>Science</td>
<td>How do the Earth, sun and moon move?
How do day / night/ seasons happen?
Who found out about the world around us?
How do forces work?
How do pulleys, gears and levers work?
How do shadows move?
What is our earth made of? Rocks
Why is the sea salty?
Dissolving and evaporating</td>
<td>What are electrical conductors?
How is Derby’s water and waste system sorted?
How are materials separated?
What is an irreversible change?</td>
<td>What is a life cycle?
How will I change as I get older?
How do humans reproduce?
What is gestation?
How can I stay healthy?
How do I say NO?
How does my heart work?</td>
<td>How have living things changed over time?
How can fossils tell us about the past?
What is evolution?
How have living things adapted to suit their environment?
What are thermal insulators?
How can things keep warm in an Ice Age?
Who can tell us about the past?</td>
<td>How do plants reproduce?
How do plants survive?
Who has found out about the world around us?
How can we group and classify living things?
How do the life cycles of different animals differ?
How are living things classified?</td>
<td>How do we see?
How does light travel?
What is the spectrum?
What is an electrical circuit and how does it work?
How do we draw a circuit diagram?
What is an electrical conductor?
How can we see round corners?</td>
</tr>
</table>

Computing	Can we develop a space game using Scratch? Can we create and program a LEGO lunar rover?	Can we become WW2 code crackers? (Bletchley Park)	Can we create a fitness video?	Can we create our own radio station?	Can we become effective web crawlers?	Can we make our own music? (Sonic Pi)
Digital Literacy and Information Technology 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.						
Geography	What are time zones? What are longitude and latitude? Where in the world is…?	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 is Derby different to cities in Tanzania (Connecting classrooms)		Why would people choose to settle in certain places? Can I name and locate counties and cities of the United Kingdom? Can I explain the physical changes brought by the Roman invasion?	What are biomes? What are the tropics and Antarctic / Antarctic circles? What environmental issues affect our world? How can people survive in difficult environments? How do natural features change over time? How can we look after our World? Can I explore an OS map? Can I read 6-figure grid references?	

History	What do we know about the beginning of the world? How have people's views change throughout time?	What happened during WW1 and WW2? 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 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?
Art	Can we use light and shadow in our artwork? *Joseph Wright, Van Gough and Greg Moore*	Can we create our own cityscape? *Leonid Afremov, Charles Fazzino and David Hockney*	What do we look like? *Keith Haring, Julian Opie, Alberto Giacometti and Henry Moore*	How can we capture the mysteries of the Stone Age?	Can we create artwork inspired by nature? *William Morris, India Flint, Alexander Calder, David Oliveira and Henri Rousseau.*	Can we become great Greek sculptors?
DT	Mechanical systems: Can I create an automata toy?	Gears, pulley and levers: How do they work?	Food: What could be healthier?	Structure: Can we build a Roman bridge?	Textiles: Can we make a soft toy?	Electrical Systems: Can we make a steady hand game?
Music	Living on a prayer (Charanga)	Fresh Prince of Bel Air (Charanga)	Music and Me (Charanga)	Happy (Charanga)	Classroom Jazz (Charanga)	You've got a friend (Charanga)
French	Salut!	Salut!	Salut!	Salut!	Salut!	Salut!
RE	What do religions teach about the natural world and why we should care for it?	How can we make our village, town or country a more respectful place?	How can religions help to build a fair world?	What can we learn from religions about deciding what is right or wrong?	How and why do believers show their commitments during the journey of life?	How do people express their faith through the arts?
	Black History Month	P4C	What does religion say to us when life	Black History Month	Why is pilgrimage important to some	

			gets hard?		believers?	
PE	Can we devise a dance using chorographical techniques?	What makes a good gymnast? Floor work	How can we improve our health and stamina? Aerobics	Can we make a gymnastic sequence?	Can we create dances from different cultures?	How can we improve our health and stamina? Circuit training
PE (Outdoor)	Can we play a fair invasion game? Hockey	Can we work as a team and not get lost? OAA	What is athletics and how can we improve our performance? – Running and Jumping	Can we play a fair invasion game? Netball	Can we play a fair net or wall game? Badminton/tennis	What is athletics and how can we improve our performance? - Throwing
	Can we play a fair invasion game? Tag Rugby	Can we play a fair invasion game? Basketball	Can we strike and field? Cricket	Can we play a fair invasion game? Football	Can we work as a team to solve puzzles and physical activities? OAA	Can we strike and field? Rounders
PSHE	Being Responsible	Bullying Matters	Drug Education	Exploring Emotions	Difference and Diversity	Money Matters
	Being Me	Relationships	Growing Up	Being Safe	Being Healthy	Changes