

Year 5 : Yearly Curriculum Overview 2017/18

Subject / Term	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
English	<p>Children will learn to: Read and write poetry</p> <p>Traditional stories from other cultures and write their own.</p>	<p>Children will learn to: Write a Myths</p> <p>To persuade others writing about animal cruelty.</p>	<p>Identify the features of a classical narrative poem and create Classical narrative The Highwayman</p> <p>Film study –The Birthday Boy; descriptive monologue</p>	<p>Children will learn to: write a descriptive setting use Film HARRY potter and the Goblet of Fire for inspiration</p> <p>To create a newspaper report.</p>	<p>.Write an adventure story based on Storm breaker narrative spy thriller.</p> <p>Identify features of Non chronological reports</p>	<p>Children will learn to: Generate a narrative piece of writing based on The Piano- film</p> <p>Children will learn to: Write a Play script using dramatic conventions</p>
Maths	<p>Children will learn: Calculations using the four operations</p> <p>Doubling and halving Place value ordering and rounding</p> <p>To solve word problems involving four operations</p> <p>Addition and subtraction of large numbers and decimals</p> <p>Multiplication and Division calculations short and long</p>	<p>Children will learn: To use the Four operations to solve problems</p> <p>Knowing, securing and using number facts Word problems involving four operations</p> <p>Shape, Angles work Measures including imperial units</p>	<p>Children will learn to: Four operations including decimals Word problems involving four operations</p> <p>To calculate perimeter and area</p> <p>Find equivalent fractions and relate fractions to their equivalent decimals. To calculate Percentages of amounts including money</p>	<p>Children will learn to: Identify, visualise and describe investigate 2D AND 3D Shapes.</p> <p>To increase their Percentages knowledge, relate to decimals and fractions. Percentage problems</p> <p>To recognise Roman Numerals</p>	<p>Children will learn to: Solve one step two step problems involving whole and decimal numbers.</p> <p>To construct, interpret complete and organise frequency tables including timetables, pictograms, bar/line graphs.</p> <p>To use all four operations to solve problems involving volume and capacity using decimal notation, including scaling</p>	<p>Children will learn to: Calculate using Long division</p> <p>Understand and use approximate equivalences between metric units and common imperial units Interpret readings between two unnumbered divisions</p> <p>To Identify, read coordinates describe and represent the position of a shape following a reflection and translation</p> <p>Read timetables and 24 hour clocks. Calculate time intervals.</p>

<p style="text-align: center;">Science</p>	<p>Children will learn to: Living things and their habitats</p> <ol style="list-style-type: none"> 1) Living things can be classified according to observable features 2) Habitats provide living things with what they need 3) Living things exhibit variation and adaptation and these may lead to evolution 4a) Life exists in a variety of forms and goes through cycles – Plants 	<p>Children will learn to: Animals including humans</p> <ol style="list-style-type: none"> 4a) Life exists in a variety of forms and goes through cycles – Animals The human body has a number of systems, each with its own function 	<p>Children will learn to: Properties and changes of materials</p> <ol style="list-style-type: none"> 1) Different rocks have different properties and the formation of soil & fossils can be explained 2) Materials have physical properties which can be investigated and compared 	<p>Children will learn to: Properties and changes of materials</p> <ol style="list-style-type: none"> 3) The physical properties of materials determine their uses 4) Materials can exist in different states and that these states can sometimes be changed 	<p>Children will learn to: Forces</p> <ol style="list-style-type: none"> 1) There are contact and non-contact forces; these affect the motion of objects 	<p>Children will learn to: Sun, earth and moon</p> <ol style="list-style-type: none"> 2) Day, night, month, seasonal change & year are caused by the position and movement of the Earth 3) Light & sound can be reflected & absorbed and enable us to see & hear
<p style="text-align: center;">Cross Curricular Links</p>	<p>Identifying features of lifecycles Explaining what we have found off</p>	<p>To write comparisons between the life cycles of plants and animals To give detailed descriptions of scientific observations</p>	<p>To give detailed descriptions of scientific observations To give clear instructions how to carry out an investigation To make careful measurements</p>	<p>To give detailed explanations about what we have discovered. To explain the process of irreversible and reversible changes giving examples.</p>	<p>To measure forces and create graphs showing results To give clear explanations of methods To use research skills to find out about different types of forces</p>	<p>To make careful observations of the lunar cycle and explain what is happening To give detailed explanations how day and night occur.</p>
<p style="text-align: center;">Topic; History/Geography</p>	<p>ANCIENT GREECE Children will learn to: Locate Ancient Greece in time and place Investigate the lives of people in the past Understand the daily lives of boys and girls in Ancient Greece To describe modern Greece and make comparisons To identify trade and travel To investigate Athens and Sparta and the reasons for the conflict</p>		<p>South America Children will learn to: Compare and contract south America with their local environment Investigate the Human, physical and political geography of south America Understand that countries trade with other countries around the world. Investigate differences in leisure and tourism Learn about the different types of settlements in south America. Learn how coffee and chocolate are produced in the rainforest regions</p>		<p>VICTORIANS AND TUDORS Children will learn to: Place important historical events on a time line and link to current day Investigate the lives of people in the past Compare the lives of rich and poor children Find out about the life of Queen Victoria and her children Investigate people who worked to improve the lives of children in Victorian times Find out about Henry VIII and his wives About the crimes and punishments used in Tudor times Investigate the changes in the church brought about by Henry's divorces</p>	
<p style="text-align: center;">Cross Curricular Links</p>	<p>Diary entries as children living in the past Create timelines showing important events To ask investigative questions</p>		<p>Create information leaflets about a place Write instructions 'How to produce Chocolate'</p>		<p>Diary entries as children living in the past Create timelines showing important events To create a profile of an important historical person (Tudor or Victorian)</p>	

Art/DT	Children will learn to: create careful pencil sketches using a range of techniques Create portraits using perspective Investigate the life and work of Andy Warhol	Children will learn to: Investigate a range of purse designs Design a purse of their own Develop and use sewing skills and a range of different stitching techniques Evaluate their work suggesting further changes.	Children will learn to: Investigate the techniques of pointillism, hatching and shading Investigate shades made by choosing different types of art pencil To use everyday objects to compose a piece to draw To produce their own skill life picture	Children will learn to: Make a musical instrument Investigate musical instruments Investigate materials Design a musical instrument Make a musical instrument To evaluate their work	Children will learn to: Construction Bridges Find out about Kingdom Brunel and Clifton suspension bridge Investigate bridges Investigate materials Design a sturdy bridge. Make a sturdy bridge To evaluate their work	Children will learn to: Water colours Artist study create careful pencil sketches of artist work Create copies of artist work using grids to section the work. To develop the skills to mix watercolours To create own work in the style of William Morris
Computing	Children will learn to: Use Scratch to draw shapes + animate their own names	Children will learn to: Use SketchUp 1 Create simple building	Children will learn to: develop their presentation skills using images in paint and powerpoint. (Paul Klee pics)	Children will learn to: Databases, graphs & spreadsheets (short)	Children will learn to: Scratch (games)	Children will learn to: Assessment/own choice of units previously covered
Music	Children will learn to:	Children will learn to:	Children will learn to:	Children will learn to:	Children will learn to:	Children will learn to:
PE	Children will learn to: Real PE unit 1 Personal Skills	Children will learn to: Real PE unit 2 Social Skills	Children will learn to: Real PE Unit 3 Cognitive skills	Children will learn to: Real PE Unit 4 Creative skills	Children will learn to: Real PE Unit 5 Applying Physical Skills	Children will learn to: Real PE Unit 6 Health and Fitness
PHSE	Children will learn about: What are British values? Understand rules and responsibilities, Rights of the child. Understand concept of Equality, Tolerance and Racism	Children will learn about: Stereotype roles, gender and cultural Understand peer and advertisement pressures	Children will learn to: Drugs, alcohol and smoking effects on people's physical, mental and emotional states	Children will learn about: Understanding what is right or wrong. Antisocial behaviour What is Bullying? What to do if you see or experience bullying	Children will learn to: Understanding Democracy and the institutions that support it locally and nationally. Understand how laws are made and role of pressure groups.	Children will learn to: Changes in different situations Hygiene and body changes knowledge of girls and boys Menstruation talk by Nurse to Girls
MFL	Children will learn to: <u>Body</u> vocab, j'en ai, J'ai mal. To write simple sentences in French	Children will learn to: <u>Body</u> facial descriptions. Sing songs to consolidate learning	Children will learn to: <u>Family</u> vocab, possession.	Children will learn to: <u>Family</u> write own paragraph. To read simple stories in French	Children will learn to: <u>Numbers to 100 / Shopping</u> Take part in role play	Children will learn to: <u>Prepositions</u> Sur, sous, dans, derrière, devant, à gauche, à droite

RE	Children will learn about: Special leaders Muhammad (PBUH)	Children will learn about: Beliefs and Practices of Islam 5 pillars of Islam Food rules Visiting a Mosque (virtual)	Children will learn about: Spirituality through Art	Children will learn to: History of beliefs in the UK Roman beliefs, Celtic beliefs,	Children will learn to: Moral Dilemmas	Children will learn to: Beliefs regarding Death
Cross Curricular Links	Research the life of significant artists and their style Write about the life of Mohammed from stories and research.	Measuring skills (DT) exact measurements Instruction text to detail the process of making a purse	Investigative and research skills to find out about the effects of drugs smoking and alcohol. Measurement of resting and active heart rate. Knowledge of geometric shapes and symmetrical patterns in Islamic Art	Speaking and listening skills during debates about right and wrong Writing an evaluation of musical instrument. Giving detailed information how to make an instrument and reasons for own choices Use precise measurements to make sure materials chosen will fit together.	Children will decide if ideas are right and wrong giving detailed reasons for their opinion Explaining what to do to resist peer pressure	To research the life and work of William Morris and other artists of Victorian era To explain their own beliefs about death
Special Visitors & Trips		Pupil promise trip to the theatre		Science museum		Hershel Grammar school visit

Useful Websites	http://www.bbc.co.uk/education/levels/zbr9wmn http://www.topmarks.co.uk/maths-games/7-11-years/ordering-and-sequencing-numbers http://www.coolmath-games.com/ http://www.crickweb.co.uk/Key-Stage-2.html http://www.funbrain.com/spell/					
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Useful Books & Films	https://www.cgpbooks.co.uk/interactive_ks2 Harry potter and the goblet of fire – JK Rowling Stormbreaker – Anthony Horowitz Northern Lights –Philip Pullman					
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Our British Authors	JK Rowling	Phillip Pullman	Andrew Lane			
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Suitable Authors & Books	Michael Morpurgo Jaqueline Wilson Andrew Lane JK Rowling Phillip Pullman JRR Tolkien CS Lewis Railway children – Edith Nesbit Secret Garden - Frances Hodgson Burnett Unfortunate series of events – Lemony Snicket					
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