

## Hexham Middle School Curriculum Map for Year 5, 2018-19

Subject	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
<b>ENGLISH</b>	<p style="text-align: center;"><b>Modern fiction</b> <i>Holes by Louis Sachar</i></p> <p style="text-align: center;">Persuasive writing – persuasive leaflet. Narrative – persuasive letter. Reading comprehension.</p> <p style="text-align: center;">SPaG Adjectives, synonyms, homophones, nouns, noun phrases &amp; complex sentence structures. Homophones, idioms, palindromes, commands and complex sentence structures, verbs.</p>		<p style="text-align: center;"><b>Narrative poetry</b> <i>The Highwayman</i></p> <p style="text-align: center;">Figurative language, writing verse, rhyme schemes, reading comprehension.</p> <p style="text-align: center;">SPaG Spelling patterns, syllables, figurative language.</p>	<p style="text-align: center;"><b>Illustrated texts</b> <i>The Journey (fiction)</i> and <i>Shackleton’s Journey (non-fiction)</i></p> <p style="text-align: center;">Writing a diary entry, writing a letter in role, creating a CV, recounting events in order.</p> <p style="text-align: center;">SPaG Speech punctuation, clauses, use of colons, semi-colons and pronouns.</p>	<p style="text-align: center;"><b>Traditional tales</b> <i>Just so stories</i></p> <p style="text-align: center;">Narrative – understanding features of a genre, creation of an original Just So story.</p> <p style="text-align: center;">SPaG Speech punctuation, clauses, use of colons, semi-colons and pronouns.</p>	<p style="text-align: center;"><b>Poetry for performance</b></p> <p style="text-align: center;">Reading and understanding meaning within poetry. Figurative language. Writing own poetry and performing poetry creatively.</p> <p style="text-align: center;">SPAG verb tenses, adverbs, use of the full range of punctuation.</p>
<b>MATHS</b>	<p style="text-align: center;">Place value to 1,000,000 Ordering and rounding Negative numbers and Roman Numerals</p> <p style="text-align: center;">Addition and subtraction Multi-step problem solving Mental calculations</p> <p style="text-align: center;">Time and timetables, graphs and charts</p>	<p style="text-align: center;">Multiplication and division Multiples, factors, primes Square and cube numbers</p> <p style="text-align: center;">Perimeter and area Measurement, conversion with problem solving and reasoning</p>	<p style="text-align: center;">Written methods for the four operations: addition, subtraction, multiplication and division</p> <p style="text-align: center;">Fractions: comparing, ordering, equivalence, calculations, mixed numbers and problem solving</p>	<p style="text-align: center;">Decimals: comparing, ordering and rounding (with 3 decimal places)</p> <p style="text-align: center;">Problem solving with decimal numbers</p> <p style="text-align: center;">Working with percentages</p>	<p style="text-align: center;">Identifying missing angles</p> <p style="text-align: center;">Geometry: 2D and 3D shapes</p> <p style="text-align: center;">Geometry: Transformations and Coordinates</p>	<p style="text-align: center;">Statistics problem solving and an introduction to pie charts</p> <p style="text-align: center;">Introduction to volume</p> <p style="text-align: center;">Four operations: problem solving with money</p> <p style="text-align: center;">Summer project</p>

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<b>SCIENCE</b>	<b>Materials World</b> Properties of a broad range of materials. Reversible changes including evaporating, filtering, sieving, melting and dissolving. The processes of melting and dissolving.		<b>Growing Up and Growing Old</b> Stages in the growth and development of humans. Changes experienced in puberty.	<b>Out of this world</b> The sun, Earth and planets.	<b>Let's get Moving</b> Forces and air resistance	<b>Circle of Life</b> Life cycles of mammals, amphibians, insects and birds. Life process of reproduction in some plants and animals. The school environment.
<b>EXPLORE</b>	<b>Frozen Kingdom</b> Features of the polar region. Polar Explorers (including a visit from Conrad Dickinson). Geography skills (using an atlas, longitude and latitude). Emigration in the early 1900s. French - Weather and climate.	<b>Hola Mexico!</b> Where is Mexico? The human and physical features of Mexico. Ancient Maya Civilisation. The Spanish invasion. An introduction to Spanish.	<b>Beast Creator</b> Extreme earth. Rainforests and deforestation. Global warming. French - Colours and animals.	<b>Off with her head!</b> Crime and punishment. The Tudors. French - Classroom commands.	<b>Stargazers</b> Significant historical figures (Galileo Galilei, Isaac Newton). The 1960 space race. Recognising geographical features from space. French – Shapes.	<b>Scream Machine</b> Tourism in the UK. Theme parks around the world. Design a rollercoaster. French - Ordering food on holiday.

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ART	<b>Materials</b> Exploring and using different forms of artists' materials.		<b>Colour</b> What is colour? Blending colours using pastels. Harmonising and complementary colour. <i>Hybrid dinosaurs</i>		<b>Believable space</b> Believable space in picture making. How do artists create the illusion of depth? Overlap drawings.	
COMPUTING	<b>The Computer</b> Word processing. Internet research & communication.	<b>We are Game Developers</b> Scratch: Developing games.	<b>We are Artists</b> 3D Modelling using Sketch Up.	<b>Controlling Devices</b> Controlling devices using Flowol.	<b>We are Web Developers</b> Internet research and web design.	<b>Amazing Bedrooms</b> Using and applying skills.
E Safety	Strong Passwords	Digital Citizenship Pledge	You've Won a Prize!	How to Cite a Site	Picture Perfect	
DT & FT	<b>Food Technology</b> Preparing and cooking savoury dishes, using a range of cooking techniques. A healthy and varied diet. How ingredients are grown, caught, reared and processed. Food hygiene and safety in the kitchen, The Eatwell Plate, Simple sensory analysis. Basic knife and cooking skills			<b>Design Technology</b>  <b>The Colours of the Wind</b>  Designing a wind chime product suitable for a domestic setting.		

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<b>MUSIC</b>	<b>The percussion family</b>  Composing music for effect Group composition and performance Music theory Listening tests	<b>Instruments of the orchestra</b>	<b>Carnival of the Animals (Saint Saens).</b>  Composition and performance Music theory	<b>Rhythm, pitch, and dynamics</b>  Music theory relating to music notation including dynamic markings	<b>Music notation</b>  Writing music using western musical notation Composing melodies in the treble clef Composing music for effect Group composition and performance	<b>Performing melodies</b>  Using keyboards or tuned percussion instruments
<b>PE</b>	Tennis Team games Swimming rota	Run For1 Gymnastics Dance Swimming rota	Invasion Games1 Hockey Rugby Swimming rota	Invasion Games 2 Lacrosse Football Swimming rota	Athletics Orienteering Swimming rota	Striking and fielding; Cricket Rounders Golf Swimming rota
<b>RE</b>	What does it mean to be part of a community?	Why are religious festivals important to those who have faith?	Christianity around the world Epiphany	Who is Jesus? Holy week	The importance of human rights?	What is the importance of family life?

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<b>PSHE THEMES</b>	Being me in my world	Celebrating differences	Dreams and goals	Healthy me	Relationships	Changing me

Should you wish to know more about the curriculum followed at HMS please contact [admin@hexhammiddle.org.uk](mailto:admin@hexhammiddle.org.uk) and your query will be passed to the relevant Curriculum Leader.