

Year 6 Curriculum

RESPECT. ENGAGE. ASPIRE.

The HMS curriculum is sequenced to build on learning prior learning. Staff develop a coherent understanding of curricula across the Partnership as part of our ongoing working groups. At HMS, teachers plan in the long, medium and short-term to ensure consistency in the learning experience for all children. The long-term mapping details the sequence of learning in each subject, the key themes, how reading and literacy are developed, how our personal development curriculum is embedded and the key assessment strategies to ensure that staff and pupils know the security of learning. The curriculum is planned with ambition for all learners at its core and those with additional needs are empowered to succeed. Pupils learn about the influence of significant people both in history and in the modern world so that they develop an appreciation of the world in which they are living. Detailed medium-term planning is produced for effective implementation and consistency giving teachers the understanding of why learning happens when it does, what pupils should already know, how they will build on this learning and the required end-points (in terms of knowledge, skill and understanding).

Subject	Autumn	Spring	Summer
Personal Development	Assembly Themes including:	Assembly Themes including:	Assembly themes including:
(2 hours) The curriculum is delivered through weekly assembly and form time sessions.	 Democracy in action; Will there ever be world peace?; Sustainability in our school; Dealing with our emotions; Firework safety; Building bridges not wall Armistice Day; Anti-bullying – being generous and showing courage; Advent 	 Aiming High/Aspirations; Lunar New Year; Holocaust Memorial Day; Diversity and Inclusion; Safer Internet Day; Love in Literature; Lent; National Careers Week; Red Nose Day; Earth Hour; Easter Story 	 William Shakespeare; Interrogating integrity; Islam's holiest day; Florence Nightingale; Mary Seacole; Protected Characteristics: The Equality Act; Biodiversity; Caring for others; Magna Carta; Alan Turing's Example; Was Henry VIII a good leader?; Skills Builder
	Character Education:	Character Education:	0
	Courage	• Justice	Character Education:
	 Generosity 	Humility	 Integrity
			 Honesty
	Skills Builder:	Skills Builder:	
	 Speaking 	Aiming high	Skills Builder:
	 Listening 	Staying Positive	Creativity
			 Leadership
PSHE/RSE	Living in the wider world	Health and Wellbeing	Relationships
	 Shared responsibility 	Mental health	 Friendships
(2 hours)	• Community	Healthy lifestyles	Managing hurtful behaviour
		Ourselves: growing and changing	Bullying
	Relationships	Keeping safe	Media literacy
	 Friendships and close positive relationships 		Digital resilience

Year 6 Curriculum

	 Safe relationships Respecting self and others 		Living in the wider world
Reading – key texts (Whole class reading sessions)	During whole class reading, children read a wide range of fiction, non-fiction and poetry. As well as whole texts, children also engage with extracts and linked texts to broaden their vocabulary, comprehension and contextual understanding.	During whole class reading, children read a wide range of fiction, non-fiction and poetry. As well as whole texts, children also engage with extracts and linked texts to broaden their vocabulary, comprehension and contextual understanding.	During whole class reading, children read a wide range of fiction, non-fiction and poetry. As well as whole texts, children also engage with extracts and linked texts to broaden their vocabulary, comprehension and contextual understanding.
Art (2 hours)	Being inspired by a famous artist's work Creating their own design of a Cubism face Taking their drawing into a 3D sculpture/relief	Pop Art Understanding the work of Andy Warhol Creating their own artwork in the style of that artist – a pop art tin can label Graphical link to typography	Appreciating and being inspired by the work of Sarah Graham Creating their own artwork in the style of that artist Taking photographs of sweets linking to the artist's work
Computing	Computer Systems and Networks	Programming 1	Data and Information
(2 hours)	 Introduction to school systems Bletchley Park Secret Messages Code Breaking 	 Variables Operators Designing and making a calculator 	 QR Codes RFID Collecting and presenting data
	Historical Heroes Creating Media	Programming 2Game makingSprite movement	
	CAD modelling	 Scoring systems 	

Year 6 Curriculum

Throughout the year, pupils will focus on fundamental themes such as: self-image and identity; colline relationships; online reputation; online bullying; managing online information; health, wellbeing and lifestyle; privacy and security; copyright and ownership. Reading Padding Digital Citizenship Reading Padding Padding Padding Padding Checking that the book makes sense to them, discussing their understanding and exploring the meaning of words in context. Reading Checking that the book makes sense to them, discussing their understanding and exploring the meaning of words in context. Discuss and evaluate how authors use languages, considering the impact on the reader Retrieve present and present information from non-fiction Provide reasoned justifications for their views. Apply their growing knowledge of root words, prefixes and suffixes (morphology and etymology), both to read aloud and to understand the meaning of new words that they meet Writing Narrative – setting description Retrieve present and present information from non-fiction. Provide reasoned justifications for their views. Apply their growing knowledge of root words, prefixes and suffixes (morphology and etymology), both to read aloud and to understand the meaning of new words that they meet Writing Narrative – setting description Reading Checking that the book makes sense to them, discussing their understanding and exploring the meaning of words in context. Drawing inferences with evidence. Predicting what might happen from details stated and implied. Distinguish between statements of fact and opinion Provide reasoned justifications for their views. Apply their growing knowledge of root words, prefixes and suffixes (morphology and etymology). both to read aloud and to understand the meaning of new words that they meet Writing Narrative – setting description Retrieve present and present information from non-fiction. Provide reasoned justifications for their views. Apply their growing knowledge of root words, prefixes and s		Simple websitesVideo editing	Extending to multi-level games	
Drawing inferences such as inferring characters' feelings, thoughts and motives from their actions and justifying inferences with evidence. Summarising the main ideas drawn from more than one paragraph, identifying key details that support the main ideas Discuss and evaluate how authors use languages, including figurative languages, considering the impact on the reader Retrieve present and present information from non-fiction Provide reasoned justifications for their views. Apply their growing knowledge of root words, prefixes and suffixes (morphology and etymology), both to read aloud and to understand the meaning of new words that they meet Writing Narrative – setting description Recount Narrative – setting description Recount Checking that the book makes sense to them, discussing their understanding and exploring the meaning of words in context. Checking that the book makes sense to them, discussing their understanding and exploring the meaning of words in context. Drawing inferences such as inferring characters' feelings, thoughts and motives from their actions, and justifying inferences with evidence. Predicting what might happen from details stated and implied. Distinguish between statements of fact and opinion Retrieve, record and present information from non-fiction. Provide reasoned justifications for their views. Apply their growing knowledge of root words, prefixes and suffixes (morphology and etymology), both to read aloud and to understand the meaning of new words that they meet Writing Narrative – setting description Recount Recount Recount Narrative – setting description Recount Recount		information; he	I themes such as: self-image and identity; online relationship calth, wellbeing and lifestyle; privacy and security; copyright	and ownership.
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Writing Narrative – setting description Recount Informal letter Mriting Writing Biography Writing in character – diary Writing in role Persuasive letter	(13 hours)	feelings, thoughts and motives from their actions and justifying inferences with evidence Summarising the main ideas drawn from more than one paragraph, identifying key details that support the main ideas Discuss and evaluate how authors use languages, including figurative languages, considering the impact on the reader Retrieve present and present information from non-fiction Provide reasoned justifications for their views. Apply their growing knowledge of root words, prefixes and suffixes (morphology and etymology), both to read aloud and to understand the meaning of new words that they	discussing their understanding and exploring the meaning of words in context. Drawing inferences such as inferring characters' feelings, thoughts and motives from their actions, and justifying inferences with evidence. Predicting what might happen from details stated and implied. Distinguish between statements of fact and opinion Retrieve, record and present information from non-fiction. Provide reasoned justifications for their views. Apply their growing knowledge of root words, prefixes and suffixes (morphology and etymology), both to read aloud and to	discussing their understanding and exploring the meaning of words in context. Asking questions to improve their understanding Drawing inferences such as inferring characters' feelings, thoughts and motives from their actions, and justifying inferences with evidence. Summarising the main ideas drawn from more than 1 paragraph, identifying key details that support the main ideas. Identifying how language, structure and presentation contribute to meaning. Discuss and evaluate how authors use language, including figurative language, considering the impact on the reader.
 Narrative – setting description Recount Informal letter Writing Balanced argument Writing in role Persuasive letter 		Muiting	meet	Market
 Recount Informal letter Balanced argument Writing in character – diary Persuasive letter 		· ·	Writing	
• Informal letter • Writing in role • Persuasive letter				G , ,
			G	
□ ■ Explanation text □ ■ Continuing a harrative □ ■ Descriptive writing — Setting description				
 Narrative - setting description Narrative - based on maps or labyrinths 		- Lapianation teat		

Year 6 Curriculum

RESPECT. ENGAGE. ASPIRE.

Grammar, punctuation and spelling
New Learning

- Active and passive voice to affect the presentation of information.
- Standard English formal and informal speech and writing.
- Linking ideas across paragraphs using cohesive devices such as repetition of words, adverbials and ellipsis.
- Prefix, suffix, root words and word families

Revisit Prior Learning

- Adverbials
- Apostrophes
- Subordinating conjunctions (AWHITEBUS)
- Co-ordinating conjunctions (FANBOYS)
- Revision of all Y3, Y4 and Y5 content including:
- Word classes

Grammar, punctuation and spelling New Learning

- Colon, dashes and semi colon to mark the boundary between independent clauses.
- Layout devices to structure a text.

Revisit Prior Learning

- Direct and reported speech punctuation.
- Punctuation for impact on the reader.
- Determiners.
- Prepositions of movement, place and time.

Handwriting

- Choosing which shape of a letter to use when given choices.
- Choosing when and when not to join specific letters.
- Continual practice to write legibly, fluently and with increasing speed in joined handwriting.

Spoken Language:

- Regular opportunities for repeated oral reading.
- Library visits to discuss fiction, non-fiction and poetry with peers and adults.

Grammar, punctuation and spelling New Learning

- Subjunctive form.
- Punctuation of bullet points.

Revisit Prior Learning

• Revision of all UKS2 content and application ahead of the transition to KS3.

Handwriting

- Choosing which shape of a letter to use when given choices.
- Choosing when and when not to join specific letters.
- Continual practice to write legibly, fluently and with increasing speed in joined handwriting.

Spoken Language:

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Year 6 Curriculum

	Choosing which shape of a letter to use when given choices. Choosing when and when not to join specific letters. Continual practice to write legibly, fluently and with increasing speed in joined handwriting. Spoken Language: Regular opportunities for repeated oral reading. Library visits to discuss fiction, non-fiction and poetry with peers and adults.		
French	Ma Famille	Sports and hobbies	Body parts and description
(2 hours)	 Family members Name and age Hair and eye colour Size Personality Pets Colours Grammar: Avoir (first and third person); Il y a/Il n'y a pas de; etre (first and third person); adjectival agreement 	 Opinions Sports Jouer au Er verbs Negatives – ne pas Faire du/de la Opinions and infinitives Grammar: opinions, jouer, er verbs, faire, opinions and infinitives, time phrases, conjunctions 	 Body parts Plurals Avoir and body parts Illness Descriptions Opinions and reasons Grammar: avoir, first and third person, plurals, J'ai mal au/ a la/ aux, opinions and reasons, articles, etre (first and third person)
Geography	The United Kingdom	Scandinavia	Rivers
(2 hours)	 Build upon pupils' own knowledge of their home nation Consider the different landscape features Understand the physical and human processes that make up life in Great Britain and Northern Ireland 	 Pupils are given the opportunity to experience a learning journey to Scandinavia Explore the location, features and culture of Norway, Sweden and Denmark 	 Understand the journey of a river and why this journey takes place Understand processes that take place in rivers such as erosion, deposition and transportation and what causes these processes to take place

Year 6 Curriculum

	Graph and chart interpretation Choropleth maps (rainfall)	 Discover how the climate differs in various areas of Scandinavia and European regions spectacular landscape scenery Learn about lifestyle and culture of Scandinavian countries Examine how areas of UK and Scandinavia and similar and different Analyse the physical geography of and begin to understand the formation of physical features such as glaciers and fjords. 	 Explore the effects river processes can have such as the formation of meanders, ox-bow lakes and waterfalls Consider why rivers are essential to society, but also the impact they can have on humans Investigate the importance of the River Tyne and its local significance to the area. Sustainability Develop the fieldwork skills of pupils in a geographical and local context Gain an awareness of different sustainability issues Field investigation based around the school grounds, and in Hexham itself. Collate, analyse, and interpret data to answer their own proposed hypothesis
History	World War II	Anglo-Saxons and Vikings	Local history enquiry – Border Reivers
(2 hours)	 Gain an understanding of the causes of WWII Gain an understanding of impact of war on the home front and the increasing role of government. Identify causes and how they contributed to beginning of WWII Pupils will begin to link the causes together – building the web of cause 	 Explore the reasons why the Vikings settled in Britain Understand the consequences of their emergence. Explore the changes that the Vikings brought to the country Develop an understanding of key individuals within history and what role they play in defining key events 	 Study of local history Study the Border Reivers and the impact they had on the local area Understand the daily lives of the Reivers Explore the 'Border Ballads' Analyse the importance of the Reivers on the local area
Maths	Place Value	Geometry	Geometry

Year 6 Curriculum

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(12 hours)

 Multiples of 1000, numbers to 1,000,000, negative numbers, rounding numbers to nearest decimal or whole number

Calculations

 Addition and subtraction of whole and negative numbers, introduction to algebra through missing numbers, bar models and problems, Recap factors, multiples, and primes

Fractions

 Finding equivalent fractions, simplifying fractions, addition and subtractions of fractions with different denominators, addition and subtraction of mixed numbers

Calculations

 Short and long multiplication, short division, long division, link to algebra through missing numbers, bar models and word problems

Fractions

- Multiplication and division of fractions
- Finding fractions of amounts and finding the whole

Area and perimeter of shapes, volume of cuboids

Decimals and Percentages

• Linking fractions, decimals, and percentages, calculating with decimals and percentages

Ratio

 Understand what ratio means, compare ratio and fractions, solve problems involving ratio, understand scale and how to use scale to scale something up or down

Algebra

• Understand what and expression and an equation is, know that equations must balance, begin to use algebraic notation

Geometry

 Construction of shapes, angles within shapes, nets of 3D shapes, know properties of a circle, missing angles and reasoning • Position and direction on all four quadrants

Statistics

- Interpreting graphs, charts, and timetables, construct simple pie charts
- find and interpret the mean value

Ready to Progress Learning

 Ready to progress criteria through investigations and problem solving – this focuses on consolidating fundamental learning ready for the KS3 curriculum.

Year 7 Transition

 Secure understanding of multiples, factors, primes, equivalent fractions and corresponding decimals and percentages, secure formal calculations methods, understanding of shape, introduction to calculator skills

Year 6 Curriculum

Music	A Journey Through Space	Time keeping	Pulse, Accent and Pentatonic Scales
(2 hours)	 Sequences – understanding their construction, impact and creating new sequences Repetition and variation in music Creating longer themes Controlling a range of musical elements in composition – working beyond melody Performance 	 Time signatures and how to comply with them consistently Pulse and subdivision Tempo v note values Conducting and beginning ensemble skills Exploring variation in rhythmic patterns 	 Group composition Using pulse and accented beats Ostinatos Improvisation using Pentatonic scale
		Keyboard layout	
		Performance	
		Using Sharps, Flats & Naturals	
		 Playing parts in time, including 6/8 5/4 	
PE	Netball	Badminton	Athletics
	Run 4 Fun – Cross Country	Gymnastics	Cricket
(4 hours)	• Lacrosse	Netball	Global Sports
(Due to groupings and facility	• Football		
access, some classes may do	Outdoor and Adventurous Activity		
sports in different terms)			
Philosophy, Ethics and	Abrahamic Fathers	Ancient Greek Philosophy	Religious Leaders
Religious Studies (PERS)	Who are the key figures of Judaism, Christianity	Who were some of the ancient Greek	Who are some of the key figures and role
	and Islam?	philosophers?	models across the six world faiths?
(1 hour)	 How do they relate to each other? 	What is Socratic questioning and how do we	 How do they inspire other people?
The PERS curriculum is based	What lessons can we learn from them?	experience it every day?	Significant people:
upon, but not limited to, the	How can religious people try to follow their	Significant people:	o Pope Francis
locally-agreed syllabus.	example today?	o Socrates	o The Dalai Lama
iotany agreed synabusi		o Plato	o Ephraim Mervis, the Chief Rabbi
		o Aristotle	o Guru Gobind Singh
		o Epictetus	 Zara Mohammed

Year 6 Curriculum

Science (5 hours)	Organisms: The function of the heart of circulatory system The digestive system Healthy lifestyle, including diet, drugs and smoking Waves: How light travels, how we use light to see Reflection and uses of reflection. Shadow formation The colour spectrum	 Diogenes Epicurus Hypatia the Elder Electromagnetism: Electricity and its dangers Making Circuits and circuit symbols Measuring current Developments in electricity e.g. the work of Edison and Swan Ecosystems: Classification of living things into broad groups (plants and animals) The work of Carl Linnaeus Using and constructing classification keys Investigating the growth of microorganisms 	 The Hugging Saint John Sentamu, former Archbishop of York Students may also have the opportunity to take part in the Spirited Arts competition this term. Inherited and acquired characteristics Environmental adaptations Evolution of characteristics Fossil formation and the work of Mary Anning Working scientifically Throughout the year, pupils will engage with working scientifically through practical science, planning, conducting and evaluating investigations, conducting fair tests, understanding variables and will make close links to maths through statistical analysis and presenting data.
Technology (including design and food technology) Children work in groups of 15 (half a class) and spend 1.5 terms in design technology and 1.5 terms in food technology	Design a playground featuring a range of structures Consider effective and ineffective design strictures Measuring, marking and cutting wood Identifying what makes an effective structure and testing/adapting a design	Experimenting with a range of cams, creating a design for an automata toy based on a choice of cam to create a desired movement Understanding how linkages change the direction of a force Making things move at the same time Understanding and drawing cross-sectional diagrams to show the inner-working Health and Safety	Technical Skills Spreading Mixing and rubbing in Creaming Dividing, shaping, cutting and rolling Boiling Bridge hold and claw grip Stirring Glazing Grating Peeling

Year 6 Curriculum

(2 hours)	 Hygiene and safety in the kitchen Using the hob safely and the ove independently 	All in one Knife skills
	 Personal hygiene 	Making
	 Using different pieces of equipment safely 	Fruit saladCheese scones
		Cous cous saladSavoury muffins
		Soda bread
		Rock bunsSweet muffins