

**CURRICULUM OVERVIEWS
FOR HAWK CLASS
(YEARS 1 & 2 AUTUMN TERM)**

WHOLE SCHOOL TOPICS

TERMS 1 and 2: **HOW THINGS WORK**

TERMS 3 and 4: **WONDERFUL WORLD**

TERMS 5 and 6: **20th CENTURY**

HAWK	HOW THINGS WORK	
	TERM 1	TERM 2
ENGLISH	<p><i>BOOK: The Invention of Hugo Cabret by Brian Selznick</i></p> <p>Biography and autobiography</p> <p>Explanation Texts</p> <p>Non chronological reports</p> <p>Newspaper article</p> <p>Narrative</p> <p>Persuasive writing</p>	<p><i>BOOK: War Horse by Michael Morpurgo</i></p> <p>War poetry</p> <p>Diary</p> <p>Letters</p> <p>Narrative</p> <p>Drama</p>
MATHS	<p>Number – Place Value</p> <ul style="list-style-type: none"> - Reading, writing, ordering and comparing numbers up to 1,000,000 and 10,000,000 - Interpreting and using negative numbers in context - Rounding numbers up to 1,000,000 - Solving number and practical problems - Reading Roman Numerals to 1,000 <p>Number – Addition and Subtraction</p> <ul style="list-style-type: none"> - Adding and subtracting numbers mentally - Adding and subtracting whole numbers with more than 4 digits using formal methods - Using rounding and estimation - Solve multi-step problems 	<p>Number – Multiplication and Addition</p> <ul style="list-style-type: none"> - Multiply and divide numbers mentally - Identifying multiples and factors - Use formal written method to multiply - Use formal written methods to divide and interpret remainders - Solve problems using the four operations <p>Statistics</p> <ul style="list-style-type: none"> - Interpret information in graphs, pie charts, tables and timetables - Illustrate and name parts of circles - Calculate the mean as an average <p>Measurement, Perimeter, Area and Volume</p> <ul style="list-style-type: none"> - Calculate area and perimeters - Calculate volumes.

SCIENCE	<p>Properties and Changes of Materials Investigating liquids, solids and gases, change of state and chemical reactions</p> <ul style="list-style-type: none"> • compare and group together everyday materials on the basis of their properties, including their hardness, solubility, transparency, conductivity (electrical and thermal), and response to magnets • know that some materials will dissolve in liquid to form a solution, and describe how to recover a substance from a solution • use knowledge of solids, liquids and gases to decide how mixtures might be separated, including through filtering, sieving and evaporating • give reasons, based on evidence from comparative and fair tests, for the particular uses of everyday materials, including metals, wood and plastic • demonstrate that dissolving, mixing and changes of state are reversible changes • explain that some changes result in the formation of new materials, and that this kind of change is not usually reversible, including changes associated with burning and the action of acid on bicarbonate of soda. 	<p>Forces Investigating gravity, using mechanisms including levers, pulleys and gears</p> <ul style="list-style-type: none"> • explain that unsupported objects fall towards the Earth because of the force of gravity acting between the Earth and the falling object • identify the effects of air resistance, water resistance and friction, that act between moving surfaces • recognise that some mechanisms, including levers, pulleys and gears, allow a smaller force to have a greater effect.
GEOGRAPHY	<ul style="list-style-type: none"> - study of different industries (cars and food) - How an atlas works. - mapping (making maps of the school, using grid references and to use Ordnance Survey maps) 	
HISTORY	<p>Great inventors and their inventions</p> <ul style="list-style-type: none"> • research project • PowerPoint presentations to the class 	
ART, DESIGN & TECHNOLOGY	<p>Great egg race</p> <ul style="list-style-type: none"> - creating a vehicle - designing and making simple moving toys using cams 	
COMPUTING	<p>Use technology safely, respectfully and responsibly; recognise acceptable/unacceptable behaviour; identify a range of ways to report concerns about content and contact.</p>	<p>Use search technologies effectively, appreciate how results are selected and ranked, and be discerning in evaluating digital content</p>

PSHE	Jigsaw scheme – Being Me In my World	Celebrating Difference
R.E.	How does a Muslim show commitment to his/her faith?	The Christmas Story
P.E.	Real PE – Ball Skills, Netball, Tag-rugby	Real PE – Co-ordination
MUSIC	MX Stomp sessions	
EXPERIENCE	Trip to the Bristol Aerospace KNEX workshop	HUGL week – First World War KS2 Performance