















**Class 4 Curriculum Map ~ Cycle B~
September 2022 (updated September 2022)**

	<u>Autumn Term</u>	<u>Spring Term</u>	<u>Summer Term</u>
<p align="center">Science</p>      <p>N.B. Examples shown are <i>not</i> an exhaustive list of all enquiry questions</p>	<p align="center">Biology</p> <p align="center">Living things and their habitats – the classification code</p> <p align="center">Evolution and inheritance – survival of the fittest</p> <p>Objectives/sequence developed from the Hamilton Trust Mixed Age Science SOL (Cycle B) / Snap Science</p> <p><i>Working Scientifically investigations are incorporated into each block</i></p>  <p>How could we classify and group our pets/a selection of confectionary according to their properties?</p>  <p>How significant was Alfred Russel Wallace's contribution to the study of evolution and inheritance?</p>  <p>Is there a pattern between a bird's size and shape of beak and the food it will eat?</p>	<p align="center">Forces - 'Welcome to Force-Land'</p> <p>Objectives/sequence developed from the Hamilton Trust Mixed Age Science SOL (Cycle B) / Snap Science</p> <p><i>Working Scientifically investigations are incorporated into each block</i></p>  <p>How does the surface of the road affect the performance of a model car? Which shape takes the parachute longest to fall?</p>  <p align="center">'Ideas over time' enquiry question example:</p> <p>How have our ideas about gravity changed over time?</p>  <p>Can you label and name all of the different forces acting on the objects in these situations?</p>	<p>Properties of materials – 'Special effects materials'</p> <p>Revision Block B – Sensational science</p> <p>Objectives/sequence developed from the Hamilton Trust Mixed Age Science SOL (Cycle B) / Snap Science</p> <p><i>Working Scientifically investigations are incorporated into each block</i></p>  <p>How does a container of salt water change over time?</p>  <p>Which type of sugar dissolves the quickest?</p>  <p>How do submarines sink if they are full of air? What are microplastics and why are they harming the planet?</p>

<p><u>Humanities</u> History & Geography</p>	<p>Geographical Skills and fieldwork – use the eight points of a compass; four and six-figure grid references, symbols and key (including the use of Ordnance Survey maps) to build knowledge of the United Kingdom and the wider world</p> <p>Use fieldwork to observe, measure and record the human and physical features in the local area using a range of methods, including sketch maps, plans and graphs and digital Technologies</p> <p><i>Based on ‘Building Skills in Geography’ unit from Hamilton Trust, adapted to include study of Harewood House and surrounding areas.</i></p> <p>Physical Geography – climate zones, biomes and vegetation belts (linked to Science work on animal classification – taught in the context of habitats)</p>		<p>Ancient Greece- the study of Greek Life and achievements and their influence on the Western World</p> <p>A study of an aspect or theme in British history that extends pupils’ knowledge beyond 1066 - the legacy of Greek culture (art, architecture and/or literature) on later periods in British history including the present day.</p> <p><i>Unit based on https://www.keystagehistory.co.uk/ planning combined with lessons from Hamilton Trust (Art link)</i></p>	<p>Understand geographical similarities and differences through the study of human and physical geography of a region of the United Kingdom, a region of a European country, and a region within North or South America</p> <p><i>Based on ‘Comparing people and places – the Grand Canyon’ from Hamilton Trust (Art link)</i></p>		
<p>Design and Technology</p>		<p>Year 5/6 Structures – Frame structures</p> <p>(project on a page)</p>		<p>Year 5/6 Textiles – Combining different fabric shapes</p> <p>(Project on a page)</p>		<p>Formula T project – combining mechanical and electrical systems to design a ‘Formula T’ vehicle</p>
<p>Art</p>	<p>Illustrative, observation drawing skills (i.e. logbook, biomes, animal illustration)</p> <p>Christmas card design/illustration</p>		<p>Study of a Great Architect – Norman Foster / Antoni Gaudi</p> <p>Clay work – mythological beasts and pottery</p>		<p>Study of photographer Ansell Adams / Collage work / Native American artwork</p>	

<p>Music</p>	<p>Using the Body as a Musical Instrument</p> <p>Contemporary composer Anna Meredith's 'Connect It'.</p> <p>Composition and Performance</p> <p>Young Voices concert preparation: Singing and performance-based skills.</p>	<p>Young Voices preparation: Singing and performance-based skills.</p> <p>School nativity performance preparation.</p>	<p>World Music Drumming</p> <p>Including; Ghana – Miam Japan – Taiko Brazil – Samba Cuba – Salsa India - Talas</p>	<p>Musical Nationalism</p> <p>Finlandia – Sibelius Enigma Variations – Elgar New World Symphony – Dvorak Hall of the Mountain King – Grieg Symphony No 10 – Shostakovich</p> <p>Investigate the different ways composers showed their love of their country through music and how we would do the same.</p>	<p>20th Century music from the 1970s</p> <p>Including soft rock, heavy metal, pop, disco and R and B.</p>	<p>KS2 Performance rehearsals culminating in a performance.</p> <p>Singing and performance-based skills.</p>
<p>R.E.</p>	<p>Creation / Fall – creation and science conflicting or complimentary? (UC)</p>	<p>Incarnation – Was Jesus the Messiah? (UC)</p>	<p>Gospel – What would Jesus do?</p>	<p>Should we forgive others? (Hub 5.3)</p>	<p>What do we know about Islam? (Hub 5.2.)</p> <p>Why are some places and journeys special? (Hub 5.1)</p>	<p>What is compassion and how can it be shown? (Hub 6.3)</p>
<p>M.F.L (Italian) Year 5</p>	<p>MFL Italian - Intermediate</p>		<p>Mi Presento (Introducing myself) - Recap</p> <p>La Famiglia (The Family) Presenting in front of others</p> <p>Grammar Nouns Masculine and Feminine Possessive adjectives ("mio", "mia", "mie" and "miei")</p> <p>Phonics The Italian Alphabet – Italian vowels and consonants – Italian Letter Strings</p>		<p>In classe (In the classroom) Objects and commands</p> <p>Grammar Nouns Masculine and Feminine Definite and Indefinite Article Negative forms (I don't have)</p> <p>Phonics The Italian Alphabet – Italian vowels and consonants – Italian Letter Strings</p>	

<p>M.F.L (Italian) Year 6</p>	<p>What is the date? Ask when somebody has a birthday and say when they have their birthday. Recognise key dates in the Italian calendar.</p> <p>The weather Repeat and recognise the vocabulary for weather in Italian; ask what the weather is like today and say what the weather is like today.</p> <p>Grammar Verbs in the 3rd person. How to ask and answer questions.</p> <p>Phonics The Italian Alphabet – Italian vowels and consonants – Italian Letter Strings</p>		<p>Il corpo e I vestiti (Body and Clothes) Full breakdown of the verb "indossare" (to put on / wear) – regular verb.</p> <p>Grammar I verbi regolari (regular verbs) Masculine and feminine Articles (determiners) Plural and singular</p> <p>Phonics The Italian Alphabet – Italian vowels and consonants – Italian Letter Strings</p>		<p>I Romani The mythical story of Romulus and Remus - the founders of Rome. Roman gods and their relationship to our modern days of the week. Famous Roman inventions and life experiences of a rich boy and a poor boy in ancient Rome.</p> <p>Grammar I verbi irregolari The negative form</p> <p>Phonics The Italian Alphabet – Italian vowels and consonants – Italian Letter Strings</p>	
<p>Computing</p> <p>N.B. Computing skills will be able used throughout the year to select, use and combine a variety of software (including internet services) on a range of digital devices that accomplish given goals, including collecting, analysing, evaluating and presenting data and information. See right for addition discreet taught computing lessons.</p>	<p>Espresso coding Python Introduction to python (Year 5) Random numbers and simulations (Year 6) Challenge: Free coding / Scratch projects</p>	<p>Internet safety (D:side)</p> <p>Espresso coding Python Python graphics (Year 5) Python function (Year 6) Challenge: Free coding / Scratch projects</p>	<p>Espresso coding HTML Introduction to HTML (Year 5) HTML links (Year 6)</p>	<p>Espresso coding HTML HTML formatting and CSS (Year 5) Revision/Free coding (Year 6)</p>	<p>Internet skills and safety</p> <ul style="list-style-type: none"> - Using internet search tools responsibly - Identifying reliable sources and fact checking 	<p>Internet skills and safety</p> <ul style="list-style-type: none"> - Using emails effectively - Email etiquette - Identifying ways to report concerns about content
<p>P.E.</p>	<p>Tag Rugby / Team Games</p>	<p>Health and Fitness / Indoor Sports</p>	<p>Dance / Hockey</p>	<p>Gymnastics / Football</p>	<p>Team Games (Summer Sports) / Athletics</p>	<p>Outdoor Team Games / Orienteering and map skills</p>

<p>PSHE</p> <p>§ - Statutory content</p> <p>Pol-Ed units matched to coverage (additional optional resourcing)</p>	<p>Mental health and emotional wellbeing</p> <p>Dealing with feelings / Healthy minds §</p> <p>Pol-Ed: Managing stress</p> <p>Pol-Ed: Cyber crime/Crime prevention</p>		<p>Sex and relationship education</p> <p>Healthy relationships §</p> <p>How a baby is made § *</p> <p>Living and growing (5, 6, 9)*</p> <p>Identity, society and equality Human rights</p> <p>Pol-Ed: Transition/Resilience (CCE)</p> <p>*Year 6 only</p>		<p>Keeping safe and managing risk</p> <p>When things go wrong / Keeping safe – out and about §</p>	
<p>External Visits & Visitors</p>		<p>D:side – internet safety</p> <p>Harewood House (bird garden)/ Tropical World (TBC)</p>		<p>Rewind to Easter</p> <p>World Book Day – book fair</p>	<p>D:side – drugs and alcohol</p>	<p>Bikeability</p> <p>Crucial Crew</p> <p>High Adventure</p>

English

Main text – Kensuke’s Kingdom -
Michael Morpurgo

Secondary text:
Gorilla Dawn – Lewis Gill (Leeds Library
Service)
**(Teacher reader for Autumn Term – from
Leeds Library Service)**

Written tasks:
Chapter summary
Logbook entry
Newspaper
Narrative fiction – ‘Stranded’ short story
Information text (Historical – Nagasaki
bomb)
Imaginary creature guide

(focus: use of vocabulary for effect /
cohesion including figurative language)

Spelling Year 5 Term 1B
Spelling Year 6 Term 1B
(Spelling taught over two year cycle to
whole class)

Statutory word revision
Half Term 1 – identify to marvellous
Half Term 2 – mischievous to parliament

Grammar focus
Key focus – Word types
***Revise LKS2 grammar and punctuation
using HT catch-up presentation before
each block***
**Block C – Nouns, noun phrases,
prepositional phrases and pronouns (2
sessions)**
**Block H – Clauses and sentences
including phrases – 1 session**
Block F – Word Classes (2 sessions)
Block G – Singular and plural
**Block I – Homographs (homonyms) and
synonyms (1 session)**
Half term 2
Block E – Verbs (5 sessions)
Revise and assess using www.spag.com

Main Text – Clockwork – Phillip Pullman

Written tasks:
Chapter summary
Narrative writing – mythology (Greek
adventure story)
Narrative writing – fables
Non-chronological report (History link)
Book review

(focus: use of grammatical
structures/punctuation to add variety and
interest)

Spelling Year 5 Term 2B
Spelling Year 6 Term 2B
(Spelling taught over two year cycle to
whole class)

Statutory word revision
Half Term 1 – persuade to recognise
Half Term 2 – recommend to signature

Grammar focus

**Block A – Cohesion (1 session – allow at
least two weeks owing to complexity)**

**Block D – Punctuation
(need to add semi-colons) 4 sessions**

Half term 2
Block B – Modifiers – 5 sessions

Parenthesis (including punctuation dashes)

**Sentence types (command, question,
statement)**

Revision units (Yr 4): <https://www.hamilton-trust.org.uk/blog/year-4-free-grammar-and-punctuation/>

Revise and assess using www.spag.com

Main Text - Who Let the Gods Out – Max Evans
(Leeds Library Service)

Written tasks:
Writing dialogue (levels of formality)
Narrative (suspense/mystery story)
Poetry

Spelling Year 5 Term 3B
Spelling Year 6 Term 3B
(Spelling taught over two year cycle to whole
class)

Statutory word revision
Half Term 1 – sincere to temperature
Half Term 2 – thorough to yacht

Grammar Focus

Consolidation and revision

Revisit objectives from Year 5 and 6 as daily
revision:
<https://www.hamilton-trust.org.uk/blog/year-5-free-grammar-and-punctuation/>

<https://www.hamilton-trust.org.uk/blog/year-6-free-grammar-and-punctuation/>

Revise and assess using www.spag.com

Maths

	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	Year 7	Year 8	Year 9	Year 10	Year 11	Year 12
Autumn term					Place value	Addition and subtraction	Multiplication and division	Fractions A				
Spring term					Place value	Four operations	Fractions A	Fractions B				

**White Rose Scheme of Learning
Year 5**
Place value / Addition and subtraction
Multiplication and division / Fractions A
Year 6
Place value / Four operations / Fractions A / Fractions B / Converting units

Spring term	Number Multiplication and division	Number Fractions B	Number Decimals and percentages	Measurement Perimeter and area	Statistics
Summer term	Geometry Shape	Geometry Position and direction	Number Decimals	Number Negative numbers	Measurement Converting units

**White Rose Scheme of Learning
Year 5**
Multiplication and division
Fractions B / Decimals and percentages
Perimeter and area / Statistics
Year 6
Ratio / Algebra / Decimals / Fractions, Decimals and percentages / Area, perimeter and volume / Statistics

Summer term	Geometry Shape	Geometry Position and direction	Number Decimals	Number Negative numbers	Measurement Converting units	Measurement Volume
Summer term	Geometry Shape	Geometry Position and direction	Themed projects, consolidation and problem solving			

**White Rose Scheme of Learning
Year 5**
Shape / Position and direction / Decimals, Negative numbers / Converting Units / Volume
Year 6
Shape / Position and direction / SATs assessment / Post-SATs consolidation and problem-solving skills

**Other events /
Visitors**

(TBC)

D:side – internet safety

Harewood House (bird garden)/ Tropical World (TBC)

Rewind to Easter
World Book Day – book fair

D:side – drugs and alcohol

Bikeability
Crucial Crew
High Adventure
Boston Spa Science
Masterclass
Yorkshire Adventure