

HARWELL PRIMARY SCHOOL - LONG TERM PLAN YEAR 4 2021-2022

	Autumn Term 1	Autumn Term 2	Spring Term 3	Spring Term 4	Summer Term 5	Summer Term 6
Project title	Warriors!	Potions Potions Potions!	Wild Water	Fantastic Beasts	Bottoms, Burps, and Bile	Sizzling Storms
Driving question	Are Vikings Misunderstood?	Does temperature change things forever?	Is flooding always bad?	To group, or not to group?	Humans are top of the food chain, right?	Do storms always sound the same?
Trip/hook	Residential to Hooke Court	Make your own potion as Wizards and Witches. Set of instructions.	Trip to Abingdon rivers Create bubble artwork and river dance in PE.	Minibeast Hunt	Making the digestive system	Drums and cymbals to represent thunder and lightning
Outcome	First week of Autumn term 2. Viking museum including residential pictures in the classroom to share with parents	Mummers play performance evening.	Create and construct bridges to be shown as part of our class floating city.	Create your own fantastic beast out of clay and share with parents	Doctors surgery and animal clinic in the classroom to share with parents	Create your own storm sounds using music instruments perform to parents
Main curriculum areas	Literacy - Myths and Legend SPAG - expanded noun phrases, nouns, and adjectives. Maths - recap 2, 5, 10, 3, 4, 8 times tables, place value, addition and subtraction. History - Vikings, Anglo Saxons: invasion, settling/farming/land use country location major cities Geography - country location, physical geography, and maps/atlases	Literacy - wishing tale Characterization SPAG - Standard English, paragraphs. Maths - recap previous x tables and learn 6 and 12's, Measurement (length, perimeter and area), Multiplication and division	Literacy - creation story SPAG - fronted adverbials, standard English, speech, determiners Maths - recap previous x tables learn 11 and 12, perimeter, area, Multiplication, and Division, money Geography - mountains, rivers, and the water cycle. Country location, physical geography, and maps/atlas	Literacy – overcoming the monster. SPAG - suffixes 1, apostrophes, possessive pronouns, subordinate clauses Maths - money, time, recap shape, x tables 7 and 9 Geography - fieldwork	Literacy - voyage and return SPAG - apostrophes, expanded noun phrases, direct speech Maths - number, fractions, decimals, capacity, x tables refresher	Literacy - rags to riches SPAG - suffixes 2 clauses Maths - x tables test, Measurement (length, convert units of measure) Statistics
PSHE Learning skills	Being me in my world	Celebrating difference	Dreams and goals	Healthy me	Relationships	Changing me

Literacy Story	Odin's creation	Sister Eradicator	The Children of the Water God	The Underworld	The Smiling Princes	The Firework Maker's Daughter
Non-fiction	Recount text (Diary entry)	Persuasive letter	Explanation text	Instructions	Non-chronological report	Discussion text and poetry
Whole class reading text	Charlotte's Web by E.B White	Charlotte's Web by E.B White	How to train your dragon by Cressida Cowell	How to train your dragon by Cressida Cowell		
Additional Maths links (in addition to lessons)	Shapes	Measurements and capacity	Capacity	Data handling	Length, perimeter and area	Measurements
Science	<p>States of matter - properties of solids, liquids, gases, changes</p> <p>Grouping/Classifying</p> <p>Group and classify <u>materials</u> as solids, liquids or gases</p>	<p>Boiling and melting points</p> <p>Properties of solids, liquids, gases - linked with capacity</p> <p>Observe and record <u>evaporation</u> from a puddle.</p> <p>Comparative Test - How does <u>temperature</u> affect how fast <u>evaporation</u> takes place?</p> <p>Observing over Time How does water change when it is heated and cooled?</p>	<p>Changing states of water</p> <p>Water cycle</p> <p>Experiments to show the water cycle occurring.</p>	<p>Living Things and their habitats grouping, classification, environments and changes</p> <p>Grouping/Classifying</p> <p>Identify and group vertebrate <u>animals</u> such as <u>fish</u>, <u>amphibians</u>, <u>reptiles</u>, <u>birds</u> and <u>mammals</u> and <u>invertebrates</u> such as snails, slugs, worms, spiders and insects.</p>	<p>Animals including humans (teeth, digestion, food chains)</p> <p>Research</p> <p>What are some of the things that damage healthy <u>teeth</u>?</p>	<p>Electricity - appliances, simple circuits, conductors, insulators</p> <p>Sound - vibrations, pitch, volume, distance</p> <p>Pattern seeking Fair Test Are objects that are magnetic always good electrical conductors?</p> <p>How do the sounds made by different <u>objects/materials</u> similar or different? What happens when you add/remove batteries/lamps as part of an electrical circuit?</p>
ICT	<p>Gooseberry Planet - online safety</p> <p>Create and modify text and presentation documents. Provide specific peer feedback</p>	<p>Gooseberry Planet - online safety</p> <p>Acquire, store and combine images and use print screen function Select certain areas of an image to resize,</p>	<p>Combine text, images and sound on each page. Use a range of different google programs to publish - docs & slides and to know when which is appropriate</p> <p>Green Screen - video, choose clips to keep, trim</p>	<p>Type with both hands - use a variety of font sizes, styles and colours & effects eg bullet points. Align text left, right and centre. Know how to use</p>	<p>Emails Log into an email account, open, create and send an email. Attach files to an email. Download and save files from an</p>	<p>Choose info to put into a data table. Recognise which info is suitable Design a questionnaire to collect info</p>

	Type with both hands - use a variety of font sizes, styles and colours & effects eg bullet points. Align text left, right and centre. Know how to use a spell check. Use a search engine to find a range of media, e.g. images, texts. Talk about the reliability of information on the Internet, e.g. the difference between fact and opinion. Scratch - Viking invasion and settlements	rotate and invert. Edit using a range of tools Type with both hands - use a variety of font sizes, styles and colours & effects eg bullet points. Align text left, right and centre. Know how to use a spell check.	and arrange clips to convey meaning. Add titles, credits, slide transitions, special effect Type with both hands - use a variety of font sizes, styles and colours & effects eg bullet points. Align text left, right and centre. Know how to use a spell check.	a spell check. Online - blogging, navigate to view, understand that it can be updated from a range of devices. Comment on it. Internet research - type in a URL to find a website. Add websites to a favorites list.	email. Email more than one person and reply to all	using google forms to collect and sort Type with both hands - use a variety of font sizes, styles and colours & effects eg bullet points. Align text left, right and centre. Know how to use a spell check.
Art	/	/	Colour of water used by different artists' impressions. Monet's art - rivers and water lilies. How different artists represent their water visually - photography and reflection	Shoebox project - make a model of an animal's habitat and what could destroy it	Sketching teeth painting in the style of Paul Cezanne	Foam printing
DT	Wattle and daub make longboats Cooking Clay work - Viking ship heads Weaving	Potion making	Designing and constructing bridges	.	Food - healthy diet	Electrical circuits
RE	Judaism - How special is the relationship Jews have with God?	Christianity - What is the most significant part of the nativity story for Christians today?	Judaism - How important is it that Jews do as God asks them to do? How special is the relationship Jews have with God? What is the best way for a Jew to show commitment to God?	Christianity - Is forgiveness always possible for Christians? Do people need to go to church to show they are Christians?	Judaism - What is the best way for a Jew to show commitment to God?	Christianity Do people need to go to church to show they are Christians?
Music	/	/	Listen to several layers of sound (texture) and talk about the effect on mood and feelings. Using notations of music	Identify orchestral family timbres. Identify cyclic patterns. Know how pulse stays the same	Use more musical dimensions vocabulary to describe music—duration, timbre,	Perform simple rhythmic and melodic patterns on a variety of

				but rhythm changes in a piece of music.	pitch, dynamics, tempo, texture, structure, rhythm, metre, riff, ostinato, melody, harmony.	percussion instruments.
PE	Netball and Swimming	Circuits	Dance	Cardiovascular and dance	Hockey and rounders	Athletics
Geography	Countries of Europe - linked to Vikings	/	Exploring mountains, rivers worldwide, the water cycle, effects of flooding and how humans have adapted to it.			