

HARWELL PRIMARY SCHOOL - LONG TERM PLAN YEAR 3 2020 -2021

	Term 1	Term 1 (2nd Half)	Term 2	Term 2 (2nd Half)	Term 3	Term 3 (2nd Half)
Project title	Chocolate	Polar Explorers	Growth and Empire	Scrumdiddlyumptious	Victorians	Around the world
Driving question	Is being bad ever good?	Is a risk worth taking?	Is exploration good for all?	How did Roald Dahl have such uckyyslush ideas?	Were Victorian children treated as equals?	Do children have the same opportunities everywhere?
Trip/hook	Chocolate detectives – identifying ingredients and flavours Trip to Cadbury's World?	Topic Launch: - Building structures from sugar and marshmallows	Topic Launch: - Build a ship to explore the oceans for new lands	Making a marvellous medicine, building a safe house for the muggle-wumps Trip to Roald Dahl gallery?	Victorian workhouse - Strict masters - Schooling - Chores	Digital tour of a UK and a international city
Outcome	Testing adults on their chocolate knowledge – quiz – project sharing	Polar Experience	Visual trip around the empire	Uckyish cafe Violin Concert	What is was like being a child in Victorian times - sharing tales and knowledge	Visual cities
Main curriculum areas	Geography: - Recognising different climates provide different resources - To know and understand key aspects of different types of settlements Science: – (See below)	PSHE: – Celebrating differences and different celebrations RE: – (See below) Science: – (See below)	History: – Understand the timeline and growth of the british empire – Looking at the impact that had on a world scale Geography: – Concentrating on the differences in the North and southern hemispheres	Design and Technology: - (see below) Science: – (See below)	History: – Understanding the key events of Queen Victoria's reign – The impact that had on children, leisure and free time	Geography: – To know the names of cities within the UK – To know the counties of within the UK History: - Understanding how the railways changed Britain
PSHE	Being me in the world	Celebrating differences	Dreams and goals	Healthy me	Relationships	Changing me
Literacy story	Charlie and the Chocolate factory - Rags to riches	The Ice Forest - Story of suspense	Blackbeard - Pirate of the caribbean - Defeat the monster	Comedy - TBC Roald Dahl extract	The Cotton Mill Girl - Historical story/tragedy	
Non-fiction	Information text - Chocolate Persuasive texts	Non-chronological report - Polar Bears	Instruction text - How to wash an elephant Poetry	Discussion Text: Poetry	Diary Entry - recount	Explanation Texts: Recount text Newspaper reports
Whole class reading text	Charlie and the Chocolate factory	Charlie and the Chocolate factory	The Iron Man	Stig of the Dump	Stig of the Dump	
Maths links	Number recognition: - Compare and order numbers to 1000 - Place value: - Adding in 4's 8's, 50's & 100's Addition & Subtraction: - 2- & 3-digit numbers – mentally and formally Solve number problems and practical problems involving these ideas	Estimation: - Estimate the answer to a calculation, use inverse operations to check Multiplication: - 3, 4 & 8 times tables - Multiply and divide 2-digit and 1-digit numbers together - Mentally and formally, plus the inverse Solve problems including missing number problems	Multiplication: - 3, 4 & 8 times tables Fractions: - Tenths - Addition and subtraction using the same denominator Solve number problems and practical problems involving these ideas	Measurement: - Time facts - seconds in minutes, minutes in hours, hours in days, days in a year - Weights Money: - Add and subtract amounts of money to give change, using both £ and p in practical contexts	Statistics: - Interpret data using bar charts, pictograms and tables Measurement: - Perimeter, area, volume and capacity Fractions: - Equivalent values Solving problems that involve all of the above	Fractions: - Consolidating previous knowledge Geometry:: - Drawing 2d shapes - Making 3d shapes - Recognise angles as a property of a shape - Identify horizontal and vertical lines and pairs of perpendicular and parallel lines Measurement: - Tell and write the time from an analogue clock

						- Using 12-hour, a 24-hour and roman numerals clocks
Science Lines of enquiry Observing over time, Researching, Comparative/Fair testing, Pattern seeking, Identifying/Classifying/Grouping	Plants: – requirements of light and growth and how that varies from plant to plant Researching – Describe the functions of different parts of the flowering plants Identifying/Classifying/Grouping – Explore the life cycle of a plant - pollination, seed formation and seed dispersal Researching – investigate the way water is transported within plants Comparative/Fair testing	Light: – Need for light – Dark is the absence of light – Light reflects off surfaces – Shadows Researching Forces and Magnets: – Compare how things move on different surfaces – Magnetic north pole Comparative/Fair testing	Forces and Magnets: – Observe that some magnets attract or repel each other Researching Identifying/Classifying/Grouping	Animals including Humans: – Identify that Animals, including Humans, need food and water – Recognise that they have to get nutrition from what they eat – Identify that they have skeletons and muscles for support and movement. Researching Identifying/Classifying/Grouping	Rocks: – Compare and group different kinds of rocks – How fossils are formed – Recognise that soils contain rocks and organic matter Researching Identifying/Classifying/Grouping Observing over time	Forces and Magnets: – Compare how things move on different surfaces – Notice that some forces need contact but magnetic forces can act at a distance Comparative/Fair testing Pattern seeking Identifying/Classifying/Grouping
ICT	E- Safety: – Staying safe online – Gooseberry Planet Multimedia: – Using google slides to create a presentation	Multimedia: – Improve typing skills and using shortcut buttons; eg Copy & Paste – Use different programs to record information	Online: – Use the internet to gain information that is relevant and correct – Select and use search engines to gain factual information	Data: – Choose information to put in a data table – Design a questionnaire to collect information	Online: – Add websites to a favourites list – Log into an email account, open, create and send an email	Programming: – Understand the scratch programme and its functions – Use scratch programme to produce their own game
Art	Introduce sketch book Drawing: – Using pencils to mark creating light and shading – Showing perspective and depth – Using sketching to help aid painting	Collage: – Create images from a variety of media – Use to create a visual vocabulary – Christmas Decorations	Textiles: – Show an awareness of different fabrics and where they come from – Using different fabrics to create art	Colour mixing – Using colour combinations to create pictures and shapes – Use light and dark within pictures – Painting using various instruments	Printing: – Using various techniques to create patterns and written documents – Lino printing	Form and Sculpture: – Create forms and sculptures from varies different materials – Learn how bonding different materials help to build up shapes – Create models and structures
DT	Structures: – Creating boxes for presents	Levers and linkages: – Using levers to help build 3d cards Structures: – Understand the principles of how to build an igloo	Structures: – Design and create a ship for the use of exploring the world	Food: - understand and apply the principles of a healthy and varied diet - Creating, cooking and making their own recipes	Models: – Design and create a toy for victorian times	Models: – Design and create models of steam engines using various materials
RE	Hinduism: - Diwali Sikhism: - Amrit ceremony and the Khalsa	Christianity: – Christmas Hinduism: - Diwali festival of lights	Christianity: – Jesus's miracles	Christianity: – Easter and forgiveness	Hinduism: - Hindu beliefs Sikhism: - Sharing and community	Hinduism: - Pilgrimage to the Ganges Sikhism: - Prayer and worship
Music	Violins and Cellos Harvest festival songs	Violins and Cellos Key Stage 2 singing concert	Violins and Cellos	Violins and Cellos	Violins and Cellos	Violins and Cellos
PE	Swimming Netball: – Developing ball skills, different types of passing – Moving with speed – Awareness of space, how to create and deny	Swimming Circuits: – Warm up and cool down Orienteering: – Following maps and instructions	Dance: – Traditional dances from different countries - India, New Zealand - Remember routines and patterns of dance	Health and Fitness: Gymnastics: – Understand the need for warm up and cool down Gymnastics:	Swimming Cricket; – Throwing with increased accuracy – Catching – Ball striking – Quick decision making	Swimming Athletics: – Running, jumping and combining those actions together – Relays

	- Learning rules	- Moving from one location to another - safely		- Understand some muscle groups used in Gymnastic activities - Create a sequence		Throwing a variety of objects with accuracy and distance
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