



The Holt Primary School

Headteacher: Mrs Julie Leach B.Ed(Hons) NPQH



Long Term Planning Overview 2024

Year: 6

Term: 3 and 4

Teacher: Sarah Bell/Helen Fitzgerald

Topic title: Around the World

MAIN DRIVER: Science	TOPIC DESCRIPTION: Through this topic children will apply their geographical knowledge from last term as they travel around the world with Michael in Kensuke's Kingdom and as they learn about Shackleton's amazing journey to Antarctica. They will learn all about animals that live in our world and how they adapt to their habitats. Year six will investigate a range of scientific questions including how to melt ice quickly and all about forces.
SUBJECT Geography NC	NATIONAL CURRICULUM/Framework OBJECTIVES <u>Finish from last term:</u> Understand geographical similarities and differences through the study of human and physical geography of a region of the United Kingdom and South America describe and understand key aspects of: physical geography, including: climate zones, biomes and vegetation belts, rivers, mountains, volcanoes and earthquakes, and the water cycle. Human geography, including: types of settlement and land use, economic activity including trade links, and the distribution of natural resources including energy, food, minerals and water. Identifying human and physical characteristics, key topographical features (including hills, mountains, coasts and rivers), and land-use patterns; and understand how some of these aspects have changed over time. <i>*link with non-fiction reading lesson</i>
History NC	The Ancient Maya Session 2 cont. – What was life like at the height of the Mayan Civilisation? Tour Guide Session 3 – How can we possibly know what life was like 1000 years ago? Pacal's Mask Session 4 – If the Maya were so civilised, why did they believe in human sacrifice? Debate Session 5 – How can we solve the riddle of why the Mayan Empire ended so quickly? History Mystery Session 6 – End of Unit Quiz and write own 'Who Wants to be a Millionaire?' Qs
Science NC	Finish from last term: ☐ describe the differences in the life cycles of a mammal, an amphibian, an insect and a bird ☐ describe the life process of reproduction in some plants and animals ☐ describe how living things are classified into broad groups according to common observable characteristics and based on similarities and differences, including micro-organisms, plants and animals ☐ give reasons for classifying plants and animals based on specific characteristics Properties of Materials -Compare and group together everyday materials on the basis of their properties. -Know some materials will dissolve in liquid to form a solution and how to recover a substance from a solution. -Use knowledge of solids, liquids and gases to decide how mixtures might be separated. -Give reasons based on evidence from comparative and fair tests for the particular uses of everyday materials. -Demonstrate the dissolving and 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 (link with pizza making DT project leftover from last term) Forces -Explain that unsupported objects fall towards the earth because 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.

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	-How countries use forces for renewable energies.	
DT NC	Bridges -use research and develop design criteria to inform the design of innovative, functional, appealing products that are fit for purpose, aimed at particular individuals or groups generate, develop, model and communicate their ideas through discussion, annotated sketches, cross-sectional and exploded diagrams, prototypes, pattern pieces and computer-aided design Make select from and use a wider range of tools and equipment to perform practical tasks [for example, cutting, shaping, joining and finishing], accurately select from and use a wider range of materials and components, including construction materials, textiles and ingredients, according to their functional properties and aesthetic qualities Evaluate investigate and analyse a range of existing products evaluate their ideas and products against their own design criteria and consider the views of others to improve their work understand how key events and individuals in design and technology have helped shape the world Technical knowledge apply their understanding of how to strengthen, stiffen and reinforce more complex structures understand and use mechanical systems in their products [for example, gears, pulleys, cams, levers and linkages]	
Art NC		
PE NC	Tennis Ball skills – throwing & catching through basketball & netball games Gymnastics /Dance Short-Golf compare their performances with previous ones and demonstrate improvement to achieve their personal best	
RE Agreed syllabus	Life Journey Christianity	
PSHE One decision	Term 3: Water Safety Alcohol Term 4: Conception Stealing	
Computing NC	*Email: Send and receive emails, create a new email, reply, reply to all and forward emails *Organise emails: delete & forward emails *Add attachments *Coding	
Music NC	World Unite – Syncopation Learning songs linked to class performance	
MFL NC	Term 3 Tell me when Months (Pack 3) Birthdays (Pack 4) What's the date (Pack 5) Yesterday, today, tomorrow (Pack 6) People around me Meet my family (Pack 1) Have you got any pets (Pack 2) Alphabet (Pack 3) How do you spell (Pack 5) Let's recap (Pack 6)	Term 4 All about school What's in the classroom? (Pack 1) What's in your pencil case (Pack 2) School subjects (Pack 3) PE lesson (Pack 4) Around our school (Pack 5) What do you like to do? (Pack 6) Time to eat The greedy mouse (Pack 1) Please may I have

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		(Pack 2) Preferences (Pack 3)	
OTHER ASPECTS	ADDITONAL INFORMATION		
Writing Genres	Narrative Writing – The Arrival (focus on using dialogue) Speech writing – Shackleton Diary entry – Shackleton Non-chronological report - Antarctica		
Mathematical links	Measuring linked to bridges DT project and cooking. Time, measure & recording data linked to Science experiments		
Quality Texts	Kensuke's Kingdom Shackleton's Journey Ernest Shackleton Life on the Ice The Light in Everything		
Key experiences	Bridge building Science experience day Village Walk Residential Bikeability		
Discrete Subjects	PSHE, PE, RE, Computing, MFL		
Linked Subjects	Science, Geography, DT & English		