St Hilda's C of E Primary School

Long Term Overview: Year 5 2024-2025

Subjects	Overview of Learning Experiences					
	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
English	**Writing outcome:** Diary Entries **Text:** Race to the Frozen North by Katherine Johnson **Guided Reading:** Good night stories for Rebal Girls (Non – Fiction)	**Writing outcome:** Adventure story **Text:** Beowulf by Michael Morpurgo **Guided Reading:** Hansel and Gretal (Fiction)	**Writing outcome:** To write a myth set in Ancient China, creating characters (heroes, villains and monsters) and Settings **Text:** Kai and the Monkey King by Joe-Todd Stanton **Guided Reading:** Odd and the Forest Giants (Fiction)	**Writing outcome:** Recount – Formal Biography **Text:** The Darkest Dark by Chris Hadfield **Guided Reading:** YOU ARE AWESOME: Find your confidence and dare to be brilliant at (almost) anything (Non-Fiction)	**Writing:** Recount - Biography **Text:** The Brilliant Deep by Kate Mesner and Matthew Forsythe **Additional Text:** Coral Reefs by Jason Chin **Guided Reading:** Pollution: a look behind the scenes (Non-Fiction)	**Writing:** Soliloquy (Fiction) **Text:** Bold and Brave Women From Shakespeare by Shakespeare Birthplace Trust **Additional Text:** A stage full of Shakespeare stories by Andrea McAllister **Guided Reading:** African Tales: A Barefoot Collection (Fiction)
Mathematics	• **Number** – number and place value • **Number** – addition, subtraction, multiplication, and division • **Number fractions** – equivalent fractions; comparing fractions; addition, subtraction, multiplication, fractions of quantities and problem solving.		• **Multiplication and Division** – short multiplication, long multiplication, short division • **Decimals and Percentages** – writing decimals, equivalent fractions, decimals and percentages, compare and order decimals, rounding decimals, understand percentages. • **Measure** – perimeter and area • **Graphs and Tables** – draw, read and interpret line graphs, read and interpret tables, timetables		• **Geometry** – properties of shape • **Geometry** – position and direction • **Decimals** – add and subtract decimals, decimal sequences, multiply and divide by 10, 100 and 1000. • **Negative Numbers** – count through zero, find the difference, compare and order. • **Measure – converting units** – convert metric and imperial units, convert units of time, problem solving. • **Measure** - volume	

Science	**Full Power** Electricity is one of the most important discoveries ever made and we have learnt how to use it to power almost every aspect of our lives. But who discovered electricity and how does it work? As scientists, we will investigate how electricity flows in different circuits, different materials that make good electrical conductors and insulators, explore new inventions that use renewable energy to generate electricity and how to be safe around electricity. As historians, we will find out the significant contributions of different scientists in the history of electricity. As designers and innovators, we will harness the power of electricity to create games. **Look! Hear!** We will be learning about how sound and light work - whether we are driving around in our cars, working or relaxing at home, turning on lamps, music, TV, radio, computers and mobile phones. We are plugged into sound and light during our waking hours. But what allows us to hear and see?	**Existing, Endangered, Extinct** Our planet is teeming with different species of living things that thrive and survive all over the world, some in extreme environments. In this unit we will learn more about how we classify animals, how living things are adapted to their environments and how all living things are interdependent. As part of the web of life, humans also have an important role to play. How is human behaviour threatening the survival of many species? Can we preserve the biodiversity of our planet?	**Being Human** We will be learning about the human body and how it works with a focus on taking care of one's physical and mental health. We will need to be scientists as we research into the inner workings of the human body. We will also learn to be responsible for our health and wellbeing by knowing how to take care of ourselves at different stages in our lives. How does knowing your body and its inner workings help you to understand the connections between human behaviour, the choices we make and our health?
International PC	**Brainwave Metacognition** Hopefully you remember learning about the brain, if not then this unit might help! This unit is all about metacognition, learning about learning. We are going to find out how we can help our brain and memory work harder to help us learn. This will help us with all our future learning and make us even better learners! **900CE** We will be learning that at 900 CE different ancient civilizations were rising and declining across the world. We will study the ancient Mayan civilization, the Kingdom of Benin and the rise of the Islamic empire. We will need to be historians and use artefacts and historical sources to make observations about the life	**Earth as an Island** What impact have humans had on the world's islands? We will be learning about how islands, often once isolated places, have become increasingly part of the global community. How has this changed their culture, geographical features and ecosystems? As we go island hopping, we will need to be geographers, designers and artists who are internationally minded and globally competent.	**Going Global** We will be learning about how we are all connected through trade and how this impacts our everyday lives. We will look at products we consume and how they impact our local and global communities. We will need to be geographers to understand where different products are manufactured and by whom. As historians we will understand the connection with historic trade routes and globalisation. What is a global citizen? Find out what your role as a global citizen is and how your actions impact the world around you!

	cycle of civilizations and the legacies they leave us. What happens when empires grow? What causes change and decline? What have we learnt from these past civilisations?					
Computing	• Coding • Online Safety • Spreadsheets		• Blogging • Text adventures • Networks		• Quizzing • Understanding Binary • Spreadsheets	
RE	What does it mean if Christians believe God is holy and loving? (Unit 2.1)	What does it mean to be a Muslim in Britain today? (Unit 2.8)	Why do Christians believe Jesus was the Messiah (Unit 2.3)	Why is the Torah so important to Jewish people? (Unit 2.9)	Christians and how to live – What would Jesus do? (Unit 2.4)	What matters most to Humanists? (Unit 2.10)
PE	• **Co-ordination:** Balls Skills • **Agility**: Reaction and response	• **Dynamic Balance:** On a line • **Counter Balance:** With a partner	• **Static Balance:** Stance • **Co-ordination:** Footwork	• **Static Balance:** Seated • **Static Balance:** Floor work	• **Dynamic Balance to Agility:** Jumping to Landing • **Static Balance:** One Leg	• **Co-ordination:** Sending and Receiving • **Agility:** Ball Chasing
Relationships (PSHE)	Being Me in My World	Celebrating Difference	Dreams and Goals	Healthy Me	Relationships	Changing Me
MFL	La fecha The Date	¿Qué tiempo hace? What Is the Weather?	La ropa Clothes	Mi casa My home	¿Tienes una mascota? (Do You Have a Pet?)	Hábitats (Habitats)
Music	Melody and Harmony	Sing and Play in Different Styles	Composing and Chords	Enjoying Musical Styles	Freedom to Improvise	Battle of the Bands!