

Year 6 – LONGTON PRIMARY SCHOOL LONG TERM PLAN

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
PHILOSOPHY	CARE Charities, environment, respect		GROW Growth mindset, resilience, independence		SHINE Independence, initiative, growth mindset	
Focused Weeks		<i>Parliament week</i>			<i>Arts Week</i>	<i>Fun Friday Enrichments</i>

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SCIENCE	Evolution and Inheritance	Light / Sound	Famous Scientists	Electricity	Animals including Humans Circulatory system	Living Things and their Habitats
Knowledge	Inherited characteristics of offspring Adaptation are inherited by offspring and over time the animal has evolved. Fossils tell us about change over time. How different plants and animals have adapted and why? Extinction – why it occurs	How light travels How we see objects How shadows are formed and why same shape as object	Study a range of Scientist why they are famous what did they contribute to our lives today who might be scientists of the future	Explore series circuits changing the components and looking at the Voltage is the force that makes the electric current move. The greater the voltage, the more current will flow. The greater the batteries or the greater the voltage the brighter the bulb will glow or the louder the buzzer will sound. More buzzers or bulbs means the power is shared by more components.	The H.C.S is a network that consists of blood, blood vessels, heart, lungs, arteries, veins. Features and the role each has to play. Nutrients and water are absorbed into the bloodstream via the stomach, small and large intestines. They are passed through to the arteries.	Kingdoms – Plant, Animal, Fungi, Micro-organism. Vertebrates and invertebrates. The Linnaeus Classification System allows sub-grouping of living things. Bacteria, Algae, Fungi, Viruses, Parasites. Can help digestion, promote immune system, making foods and destroy harmful chemicals. Make living things ill through viruses & diseases.
Specific Vocab	Evolution, adaptation, inherited traits, inheritance, adaptive traits, characteristics, reproduction, natural selection, adapted, DNA, species, parent, offspring, habitat, fossilisation.	Shadow, light, filter, colour, reflect/reflection, absorb, refract/refraction, spectrum, wavelength, prism, visible, lens, angle, straight line, light ray, beam, rainbow		Cells/battery, Wires, bulb, Buzzers, motor, switch, Circuit, circuit diagram/symbol, Series, Conductors, Insulators, Amps, electric current, Volts, motor, buzzer, circuit, voltage	Circulatory system, Heart, pulse, pump, Lungs, Blood, Vessels, Veins, Arteries, Oxygenated, Deoxygenated, Valve, Respiration Nutrients, water, exercise oxygen, carbon dioxide,	Classification, Vertebrates, Invertebrates, Micro-organisms, Amphibians, Reptiles, Mammals, Insects. Classify, bacteria, organism,
Cultural Capital Famous People and events. Past and Present.	Mary Anning Charles Darwin	Galileo / Da Vinci		Thomas Eddison Edith Clarke -Electrical engineer	William Harvey	Carl Linnaeus
Subject links e.g., Maths, English	Data recording, Statistics Biography. Research.	Data recording, Statistics	Autobiography / Biography.	Persuasive writing. Research. Data loggers.	Data recording, Statistics, Advertisements, Observations, Comparing Data	Classifying,
Links to other subjects	Art – drawing. Computing – Research.	Art – light.		DT Design and make an electrical game. Geography Where do our energy sources come from?	PSHE DT – Food PE	Alexander Fleming

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HISTORY	Ancient Greeks			Comparing Ancient civilisations		Significant turning points in British History Technology, Political and Social – People & Travel.
Knowledge	Where Ancient Greeks fits on a timeline. Greek Life Achievements Influence on Western World Ancient Greeks created democracy. Their stories are about important and meaningful events and life. Ancient Greeks started the Olympic games. Only 5 events. The story of The Battle of Troy.			Place periods of history on a timeline. Indus Valley Romans Ancient Greece compare and contrast art architecture language		Industrial Revolution New energy source of steam engines. First Locomotive by George Stephenson. First Railway Liverpool and Manchester. World War II Largest air battle in history Suffragettes. Women worked in factories, building ships & aeroplanes etc Changed view of women's roles – Rosie the Riveter.
Specific Vocab	Origin, BC/BCE & AD/CE, Timeline, Chronological, cultural, social, political, sources, empire, conquer, kingdoms.			period, civilisation, script, architecture, temples, Parthenon, Colosseum, amphitheatre, statue Archaeological evidence.		Locomotive, economic, culture, consequences, legacy. political, primary and secondary sources, propaganda, consequences.
Cultural Capital Famous People and events. Past and Present.	Athens 1896 – First Modern-Day Olympic Games.					Richard Arkwright – Preston Born inventor / first British Factory Emmeline Pankhurst.
Subject links e.g., Maths, English	Poems – Homer Myths and Legends.			English – forms of writing		The Railway Children – E. Nesbit Diary Entry. Number order - dates Persuasive Writing. Dates
Links to other subjects	PE – creating games link to Olympic games. Geography – Maps.					Science – Energy sources, fossil fuels. Art. Geography - Coasts

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GEOGRAPHY		Comparing nations: Russia, China, USA, Brazil	Geographical patterns - Longitude, latitude & time zones		The changing world: Coast, Erosion & global warming	
Knowledge		Locate nations on a globe, map and digital map. Populations Climates human features and physical features similarities and differences.	Locate the lines of latitude and longitude Locate given places using this system e.g. Beijing, China: 39.9N, 116.4E. Link latitude to temperature and longitude to time zones. Explore how to find and calculate the time differences The width of each time zone is 15 degrees meaning each 'width' is 1 hour = 24 hours in a day.		Explore coast lines The changes that happen to coastlines and why. Look at a range of coastal features, stumps, stacks, caves, arches. How they been created and why. Impact of erosion on settlements, plant/animal habitats and loss of land. Global warming what is it and how is it impacting on the Earth. How we can protect the world – what can we do.	
Specific Vocab		Trade, Export, resources, services, tourism, import.	Longitude, Latitude, Prime Meridian, Antarctic Circle, Greenwich Mean Time, Coordinates, Climate Zones		natural resources, renewable, non-renewable, conservation, carbon footprint, minerals, coastlines, erosion, global warming.	
Cultural Capital Famous People and events. Past and Present.		Dia de Los Muertos Celebration (November)	1 st November 1884 – GMT was adopted the 24 time zones were created. Sir Sandford Fleming – system of standard time.		Greta Thunberg David Attenborough. Earth Day	
Subject links e.g., Maths, English		Advertisements and persuasive writing. Statistics. Data.	Graphs – plotting. Research.		Advertisements / Posters, persuasive writing, speech, debates, comparing data.	
Links to other subjects		Computing – Digital maps.	Computing – research Science – Earth rotation and orbit around the Sun (day and night).		Science – Observation over time, prediction. IT - Research	

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RE	Hinduism Is there one journey or many?	Christianity God How do Christians mark the 'turning points' on the journey of life?	Islam What is Hajj and why is it important to Muslims?	Christianity Jesus Why do people believe Good Friday is good?	Buddhism What does it mean by a good life?	Christianity Church If life is like a journey, what is the destination?
Knowledge	Know the 4 stages of life, Ashramas. The cycle of reincarnation until Hindu's reach Moksha. key milestones in own lives and how your life has changed over time.	Church community - rites of passage reflect their commitment and relationship with God. baptism confirmation adult baptism. self-awareness of their own personal development. God as 'Father' - became incarnate to teach and save.	5 Pillars of Islam Belief in Only one God, Prayer, giving to the poor, Fasting & Pilgrimage Focus on Hajj -The yearly pilgrimage to Mecca chance to clear past sins. It is a dedication to fulfil at least once in a lifetime of a Muslim.	How do Christians show respect for Jesus Christ's suffering and crucifixion. last supper, attend services, fast and removed decorations from churches. Jesus died for our sins. His death saved humanity and restored relationship with God	Four Noble Truths Eightfold Path Meditation	Church community believers of all races and nationalities. life outside of and inside of the church commitments people make at different stages of their lives.
Specific Vocab	Dharma, Aum, Shrine, Pooja Tahli, Manjira, Temple, Diwali, Brahman, Brahma, Karma, Yoga, reincarnation, Moksha.	Advent, Virgin Mary, Angel Gabriel, Baby, Jesus, Incarnation, Messiah, Christ, Saviour, Nazareth, Bethlehem.	5 pillars of Islam, Pilgrimage (Hajj), Rituals, Mecca, Spiritual, Ummah	Journey, Believer, Reconciliation, Forgiveness, Repent, Confession, Holy Week, stations of the cross, Eucharist, rites of passage, blasphemy.	Buddhist, Meditation Buddhism, Buddhist, Buddha, Noble Truth, Eightfold Path, Enlightenment, Nirvana, Dharma	salvation, forgiveness, race, nationalities, commitment, confessing, reconciliation
Cultural Capital Famous People and events. Past and Present.	Diwali – Dates Vary Mahatma Gandhi	Christmas	Islamic lunar calendar – festival dates vary	Holy Week & Good Friday.	Dharma Day Wesak	
Subject links e.g., Maths, English				discussions, diary entry.	Comprehension & word reading Diary Entry	Reading the bible
Links to other subjects				Drama – Hot seating.	Art and Design Geography	PSHE - bereavement



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ART	Make my voice heard Drawing		Artist Study Painting and Mixed Media		Making Memories Sculpture and 3D	
	Food: Come dine with me	Structures: Playgrounds	Textiles: Waistcoats	Electrical Systems: Steady hand games		Digital world: Navigating the world
Computing	Robotics	Video Editing Try not to laugh video	Web Design	Game Hacking (Using data modelling to improve the outcome of games)	Arcade Gaming	Digital Citizenship (creating a digital citizenship website)
PSHE - Jigsaw	Being Me in My world	Celebrating Difference	Dreams and Goals	Healthy Me	Relationships	Changing Me
Music	Advanced rhythms: building a sense of pulse in compositions	Dynamics, pitch, and tempo in improvisation (Theme: Fingal's cave)	Songs of WW2: pitches, octaves and signing in parts	Film music: Features, composition, and graphic scores	Theme and Variation: translating rhythms (Theme: Pop Art)	Composing and performing and leavers' song: critique and four chord backing tracks, melody making.
PE	Play Leaders Dance	Gymnastics Invasion Games Rugby	Striking and Fielding –cricket Invasion Games – Hockey	Invasion Games Netball Gymnastics 2	Athletics Striking and Fielding - Cricket	Striking and Fielding - Rounders Net and wall - Tennis
French	Sports and Hobbies		Where I live		Travel and Holidays	