

Long Term Planning Year 4/5 2019-20

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Numeracy	Number: PV Number: addition and subtraction	Number: multiplication and division Measurement: length, perimeter and area	Number: multiplication and division Number: Fractions	Number: Fractions Number: Decimals (inc y5 %)	Number decimals: (inc y4 Money) Measurement: Time Statistics	Geometry: property of shape, position and direction Y4: consolidation Y5:Converting units and volume
Topic Hook	Space Is Space out of this world?		Tudors - The Banquet Were the Tudors really terrible?		Extreme Environments How will you survive?	
Literacy	Genres covered: Narrative Poetry Recount Setting description Persuasive writing (advertisement) Key text/stories: Cosmic - Frank Cottrell-Boyce The Iron Man The Iron Woman SPaG: Use of fronted adverbials and commas after these Choosing nouns or pronouns appropriately for clarity and cohesion and to avoid repetition Noun phrases Using and punctuating direct speech Using adverbs, conjunctions and prepositions to express time and cause Use of relative clauses Reading: Using dictionaries to check the meaning of words Increasing their familiarity with a wide range of books		Genres covered: Instructions Recount Newspaper report Narrative Poetry Playscripts Key text/stories: Tudor Boy Spy Tudor Tales: The Prince, the cook and the Cunning King Possible new novel - TBC Selected Shakespeare Plays Various non-fiction books about Tudors SPaG: The grammatical difference between plural and possessive -s Apostrophes to mark plural possession Use of inverted commas and other punctuation to indicate direct speech Converting nouns or adjectives into verbs using suffixes Devices to build cohesion within a paragraph Reading:		Genres covered: Non-chronological report Recount Newspaper report Persuasive writing Key text/stories: Our Planet Shackleton's Journey Survivors SPaG: Devices to build cohesion with a paragraph Linking ideas across paragraphs using adverbials of time Use of commas to clarify meaning or avoid ambiguity Brackets, commas and dashes to indicate parenthesis Reading: Retrieve, record and present information from non-fiction Discuss and evaluate how authors use language, including figurative language, considering the impact on the reader Distinguish between statements of fact and opinion Provide reasoned justifications for their view	

	<p>Identifying themes and conventions in a wide range of books</p> <p>Asking questions to improve their understanding of a text</p> <p>Predicting what might happen from details stated and implied</p> <p>Identify how language, structure and presentation contribute to meaning</p> <p>Preparing poems to read aloud and perform</p>	<p>Identifying main ideas from more than one paragraph and summarising these</p> <p>Drawing inferences and backing it up with evidence</p> <p>Maintain positive attitudes towards reading and an understanding of what they are reading</p> <p>Reading for a range of purposes</p> <p>Making comparisons within and across books</p> <p>Learning a wider range of poetry by heart</p> <p>Preparing poems to read aloud and perform</p>	
Science	<p>describe the movement of the Earth, and other planets, relative to the Sun in the solar system □ describe the movement of the Moon relative to the Earth □ describe the Sun, Earth and Moon as approximately spherical bodies □ use the idea of the Earth's rotation to explain day and night and the apparent movement of the sun across the sky.</p> <p>Working Scientifically: identifying scientific evidence that has been used to support or refute ideas or arguments. reporting and presenting findings using test results to make predictions to set up further comparative and fair tests</p>	<p>describe the simple functions of the basic parts of the digestive system in humans □ identify the different types of teeth in humans and their simple functions □ construct and interpret a variety of food chains, identifying producers, predators and prey.</p> <p>Working Scientifically: explanations of and degree of trust in results, in oral and written forms such as displays and other presentations planning different types of scientific enquiries</p> <p>explain that unsupported objects fall towards the Earth because of the force 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.</p> <p>Working Scientifically taking measurements, using a range of scientific equipment,</p>	<p>identify and name the main parts of the human circulatory system, and describe the functions of the heart, blood vessels and blood □ recognise the impact of diet, exercise, drugs and lifestyle on the way their bodies function □ describe the ways in which nutrients and water are transported within animals, including humans. Link with drugs</p> <p>recognise that living things can be grouped in a variety of ways □ explore and use classification keys to help group, identify and name a variety of living things in their local and wider environment □ recognise that environments can change and that this can sometimes pose dangers to living things.</p> <p>Working Scientifically: reporting and presenting findings from enquiries, including conclusions, causal relationships and explanations of and degree of trust in results, in oral and written forms such as displays and other presentations □ identifying scientific evidence</p>

		with increasing accuracy and precision, taking repeat readings when appropriate □ recording data and results of increasing complexity using scientific diagrams and labels, classification keys, tables, scatter graphs, bar and line graphs □ using test results to make predictions to set up further comparative and fair tests	that has been used to support or refute ideas or arguments. planning different types of scientific enquiries to answer questions, including recognising and controlling variables where necessary □ taking measurements, using a range of scientific equipment, with increasing accuracy and precision, taking repeat readings when appropriate
STEM	Balloon rockets	Design Tudor houses (3-D modelling)	Shoebox shelters
History	Man landing on the moon Cause and Consequence Chronology Significant historical people Historical events Humans and animals in space Space race Women in space Cause and Consequence Ptolemy, Kepler and Copernicus - history of the understanding of the solar system (Similarities and differences)	Life in Tudor Times Enquiry lifestyles, significant historical people Similarity/differences Rich versus poor people? Visit Bessie Surtees house Henry VIII and his wives The Tudor family tree Cause and Consequence Battle of Bosworth Dissolution of the monasteries. Cause and consequence	History of the explorers of the Arctic and Antarctic Cause and consequence Similarity/differences Significant historical people
Geography	Identifying and investigating planets Collect, interpret, communicate information Graph of planets temps/size/distance from sun etc	Explore Tudor buildings and towns. Knowledge of locations	Compare polar regions and desert regions. Locate on maps. Identify the continents. Physical geographical change Geographical enquiry Skills and fieldwork Knowledge of locations Human and physical Sustainability
Art	Peter Thorpe - abstract art Jackson Pollock - splatter paint - representing stars Investigating and exploring artist's styles Painting Art John (Youtuber) Investigating and exploring artists styles Drawing	Paint a portrait - explore the Tudor artists Drawing Textiles The Last Supper by Leonardo De Vinci Hans Holbein - Henry VIII artist Investigating and exploring artists styles	Make skeletons Collage/contrast artists Investigating and exploring Photography Andy Goldsworthy Richard Shilling Sculptures- natural materials Investigating and drawing 3D modelling Printing

			<p>Climate change artists Jeff Hong (Little Mermaid, Winnie the Pooh, Elsa-unhappily ever after) Digital Literacy photo editing</p> <p>Marina DeBris Investigating and drawing Textiles Printing</p>
DT	<p>Make own constellations with pins and strings Make moon buggies Make ISS Printing Design Make Evaluate, test and adapt</p>	<p>Design food for a banquet. Research and prepare a feast that guests will be asked to evaluate. Design Tudor stocks Tudor Rose cupcakes Tudor weaving Textiles Food tech Design Make Evaluate, test and adapt</p>	<p>Design various garments using a variety of materials Textiles Design Make Evaluate, test and adapt</p>
ICT	<p>Coding - make traffic light program and an animation of a rocket leaving a planet. Computer science Digital literacy</p>	<p>Spreadsheets Computer science Logo Internet safety (SID) Digitally literacy</p>	<p>Animation Computer science Hardware exploration Effective searching Information Technology Digitally literacy</p>
PE	<p>Identify Use a range of tactics to attack and defend Use and interpret rules fairly-apply them consistently and fairly Understand the need for tactics, choose and use some tactics effectively Use different techniques for passing, controlling, dribbling and shooting the ball Agility, Co-ordination Football Hockey</p>	<p>Prepare and perform complex and varied sequences to perform with a partner or as part of a group Recognise the key criteria needed to improve their own and others performances Suggest a range of skills that can be used to improve success Understand and give reasons for the use of tactics Choose and apply a range of increasingly complex skills and techniques that are suited to a range of games Agility, Balance Gymnastics Multi skills/games</p>	<p>Participate in a range of athletic events e.g. long jump, sprints Show accuracy and good technique when throwing for distance Hit a ball with intent and force, bat, bowl and field with control Use a range of fielding such as catching, throwing and intercepting with control Agility Co-ordination</p> <p>Athletics Cricket</p>

RE	What is it like to follow God? (people of God) What kind of world did Jesus want? (gospel) Why do Christians call Jesus the light of the world? Partnership in marriages- family types link Personal Reflection		What do Christians believe about Jesus? How do the teachings of Jesus influence how Christians live their lives? Why is Lent such an important period for Christians? Personal Reflection		Why do we have rules for living? Link with the 5 pillars of Islam. How and why do religious people show care for others? Compare 2 different faiths. Understanding different religions	
Music	Holtz Planet Suite Fly me to the moon Moon phases song Space Odyssey- David Bowie Composition and appraisal Charanga Mamma Mia Glockenspiel 2 Musical elements Performing Mr Nelson - peripatetic Performing Christmas production Performing		Compose a piece of music for a Tudor banquet. Composition and appraisal Greensleeves. Composition and appraisal Charanga Stop Lean on me Musical elements Performing Composition and appraisal		Charanga units Blackbird Reflect, rewind and replay Composition and appraisal Musical elements Performing	
PHSE	Well being Operation Encompass x 3 lessons	Friendships/relationships Bullying	Kidsafe	British Values Similarities and differences in the world	Online/media Money Jobs	First Aid
French	Unit 3 - Ma Famille My family		Unit 4 Les animaux Animals		Unit 5 My birthday Mon anniversaire	