

## Long Term Planning Year 6

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
<b>Numeracy</b>	Number and Place Value Addition and Subtraction Multiplication and Division Fractions, decimals and percentages.	Fractions, Decimals and Percentages Ratio and Proportion Measurement Time	Algebra Geometry: Properties of Shape Geometry: position, direction and motion Statistics	Revision	Transition maths tasks  Problem solving and reasoning	Transition maths tasks  Problem solving and reasoning
<b>Topic Hook</b>	Is it right to fight?		What is a mountain?		Can disasters ever be avoided?	
<b>Literacy</b>	<b>WWII</b> <b>Genres covered:</b> Narratives including stories and setting/ character descriptions. Poetry Biographies Diary entries Recount (including newspaper articles) Non-chronological report.  <b>Key texts:</b> Friend or Foe, Goodnight Mr Tom, Rose Blanche  <b>SPaG:</b> <b>Spelling:</b> Read Write Inc <b>Punctuation:</b> Semi-colons, colons, dashes, and hyphens <b>Grammar:</b> Synonyms and antonyms Cohesive devices (including adverbials and ellipsis) Subject and object Active and passive voice <b>Reading:</b> Explain the meaning of words in context Literal Inference Summarise Predict Develop the use of evidence in written responses		<b>Mountains</b> <b>Genres covered:</b> Non-chronological reports Diary extracts Playscript Adventure based narrative Instructions  <b>Key texts:</b> Treasure at the top of the World.  <b>SPaG:</b> <b>Spelling:</b> Read Write Inc <b>Punctuation:</b> Bullet points and revision of KS2 punctuation objectives <b>Grammar:</b> Layout devices (including headings, tables, columns) Subjunctive form  <b>Reading:</b> Explain the meaning of words in context Literal Inference Summarise Predict Use of vocabulary Comparisons within and across the text Develop the use of evidence in written responses		<b>Disasters</b> <b>Genres covered:</b> Newspaper Articles Poetry Setting descriptions Letters Balanced argument Persuasion  <b>Key texts:</b> Running Wild  <b>SPaG:</b> <b>Spelling:</b> Read Write Inc <b>Punctuation:</b> Revision of KS2 punctuation objectives and transition tasks <b>Grammar:</b> Revision of KS2 grammar objectives and transition tasks  <b>Reading:</b> Revision of KS2 reading objectives Continue to develop reading for pleasure exploring different genres and authors of texts	
<b>Science</b>	Light	Forces	Animals including humans		All living things	Electricity

	<p>Understanding that light travels in straight lines.</p> <p>How objects are seen by the human eye.</p> <p>Explain how shadows are formed and describe their shape.</p> <p><b>Working scientifically</b> Making accurate predictions.</p> <p>Reporting and presenting findings.</p>	<p>Explain the effect of gravity on objects on Earth.</p> <p>Identify the effects of air resistance, water resistance and friction.</p> <p>Explain how small forces can have a greater effect by using mechanisms.</p> <p><b>Working scientifically</b> Taking measurements with increased accuracy. Identifying scientific evidence that has been used to support arguments .</p>	<p>Identify and name the main parts of the human circulatory system and describe the functions.</p> <p>Recognise the impact of diet, exercise drugs and lifestyle.</p> <p>Describe the ways in which nutrients and water are transported within animals including humans.</p> <p><b>Working scientifically</b> Recording data using classification keys, scatter graphs etc.</p>		<p>Describe how living things are classified into broad groups.</p> <p>Give reasons for classifying plants and animals based on specific characteristic.</p> <p><b>Working scientifically</b> Recording data using classification keys, scatter graphs etc.</p>	<p>Associate the brightness of a lamp or the volume of a buzzer with its voltage.</p> <p>Compare and give reasons for variations in how components function.</p> <p>Use recognised symbols when representing circuits in a diagram.</p> <p><b>Working scientifically</b> Planning different types of scientific enquiries.</p>
<b>STEM</b>	Designing and making periscopes.	Investigating air resistance and the bouncing bomb.	Bridge building competition.  Weight/ paper bridges.	Bridge building competition.  Weight/ paper bridges.	<i>Ticket to ride</i> - best methods for carrying heavy loads. Design a paddleboat.	Designing earthquake proof structures. <i>Extreme Elements</i>
<b>History</b>	<b>WWII</b> Chronology links with previous topics. Cause and effect of WW1. Investigate impact of war. Battle of Britain as a turning point in British history. <b>Cause and Consequence</b>		<b>Historical expeditions</b> Compare and contrast expeditions to Everest throughout modern history. <b>Similarity and difference</b>		<b>Disasters</b> Investigating Titanic - chronology links. <b>Cause and consequence</b>  Pompeii - Ancient Rome Study of the change within Rome since Pompeii disaster <b>Continuity and change</b>	
<b>Geography</b>	<b>Knowledge of significant places</b> Locating countries and cities linked to evacuation. Locating world countries with a focus on Europe concentrating on key human and physical characteristics. Investigating the effects of war on lives and environments.		<b>Physical and human geographical features, develop and change</b> Human and physical geography of mountain locations.  Sustainability Position and significance of mountain ranges.		<b>Physical and human geographical features, develop and change</b> Locating positions of natural and human disasters. Explore Human and physical geography of Ancient Rome compared with modern Rome.	

	<b>Geographical skills:</b> Mapping (including computers)	<b>Geographical skills:</b> 6 figure grid references and compass points Fieldwork		<b>Geographical skills:</b> 6 figure grid references and compass points Mapping (including computers)	
<b>Art</b>	<b>Investigating and Exploring:</b> Annotate ideas and images and explain how they will form their own ideas. <b>Communication</b> <b>Drawing:</b> Work in the style of L.S Lowry to create self portraits and landscapes including moving figures. Use a framing device to isolate areas to create a sense of perspective. <b>3D Modelling :</b> use a range of techniques to join, shape and decorate clay to create a WW2 medal. <b>Textiles:</b> create a simple paper pattern to produce a Christmas decoration including embroidery.	<b>Investigating and Exploring:</b> Use a range of visual techniques to explore Hokusai's work. Study of Japanese artist Hokusai: <b>Drawing:</b> Study the work of Japanese artist Hokusai using a wide range of techniques to create different effects. <b>Painting:</b> Use brushstrokes to indicate changes in shape and form to investigate Hokusai's - The Great Wave. <b>Explore artists styles</b>		<b>Printing:</b> Evaluate a range of complex patterns and create lino prints to design tiles for Titanic incorporating patterns from different cultures and times. Study the work of various artists who represented natural/ man-made disasters. <b>Drawing:</b> Apply visual and tactile techniques including computer packages to <b>Painting:</b> Select and use a range of painting techniques to represent natural disasters in different ways. <b>Explore artists styles</b>	
<b>DT</b>	Food technology- Design and make a savoury food product. Evaluate food product.  <b>Design and make and evaluate a</b> Christmas decoration using textiles.	Structures <b>Design, make and evaluate</b> for a purpose.	Axels, pulleys and gears. <b>Design, make and evaluate</b> for a purpose.	Electrical and mechanical components. <b>Design, make and evaluate</b> for a purpose.	Electrical and mechanical components. <b>Design, make and evaluate</b> for a purpose.
<b>ICT</b>	<b>Computer Science</b> Explain how complex algorithms work. Detect and correct errors in code. Design and create an online website.  <b>Digital Literacy</b> Identify how to report concerns online. Use technology safely and responsibly.	<b>Information Technology</b> Green screen - video editing, different media elements.  <b>Digital Literacy</b> Use technology safely and responsibly. Phishing		<b>Information Technology</b> Explain how network services function (the web and online storage)  <b>Digital Literacy</b> Use technology safely and responsibly.	
<b>PE</b>	<b>Swimming</b>  <b>Team Games</b> Hockey Develop agility, coordination, control. Develop game tactics.  <b>Athletics</b> Develop agility, stamina, pace, accuracy, control and strength	<b>Gymnastics</b> Combine and perform a series of sequences. Develop balance and strength. Evaluate performance.  <b>Dance</b> Rehearse and refine their own style of dance. Evaluate performance.		<b>Athletics</b> Develop agility, stamina, pace, accuracy, control and strength  <b>Outdoor Education</b> Take a leading role when planning sports' day. Residential visit/ climbing/ orienteering  <b>Swimming</b>	

			<b>Team Games</b> Develop batting, bowling and fielding skills.			
<b>RE</b>	What do Muslims believe and how does this impact their lives? <b>Knowledge and Understanding of different religions</b>	What do the gospels tell us about the birth of Jesus? <b>Religious Literacy</b>	Why should people with a religious faith care about the environment? <b>Personal Reflection</b>	Why are Good Friday and Easter Sunday the most important days for Christians? <b>Personal Reflection</b>	How is life a journey? Include pilgrimage. <b>Personal Reflection</b>	Bridging unit- What do we now know about Christianity? <b>Knowledge and Understanding of different religions</b>
<b>Music</b>	Develop an understanding of the history of music WW2 tea party.	Develop and use a range of musical vocabulary.	Appraisal of music from different countries.	Appraisal of music from different countries.	Use instruments to represent natural disasters	Record compositions using musical notation.
<b>PHSE</b>	Well being  British values	Similarities and differences in the world  Environmental /current news	Operation Encompass x 3 lessons  Friendships/r elationships	Bullying  Online/ media	Money  Jobs	First Aid  Transitions
<b>MFL</b>	Unit 4- Les animaux.	Unit 5- Mon anniversaire.	Unit 10 - Clothing	Unit 11 - Furniture	Unit 12 - French speaking countries	Unit 12 - French speaking countries