

Long Term Planning Year

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Numeracy	Number and Place Value Addition and Subtraction Multiplication and Division Fractions, decimals and percentages.	Fractions, Decimals and Percentages Ratio and Proportion Measurement Time	Fractions, Decimals and Percentages. 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
Topic Hook	Is it right to fight?		What is a mountain?		Can disasters ever be avoided?	
Global Neighbours opportunities	Impact of the Holocaust. RE- awareness of religions represented in our local area.		Forest school links Tourism- implications and benefits to local area India- Ban of single use plastic		Is there still a class system in Britain- links with Titanic Rivers- explore pollution and endangered species	
Literacy	WWII Genres covered: Narratives to create suspense. Setting and character descriptions Poetry Letters Diary entries Newspaper article Flashback narrative Non-chronological report Instructions Key texts: Friend or Foe, Letters from the Lighthouse, Rose Blanche, The Arrival, When the sky falls. Poetry: Matilda- Hillaire Belloc SPaG: Spelling: Read Write Inc Punctuation: Semi-colons, colons, dashes, and hyphens Grammar: Synonyms and antonyms Cohesive devices (including adverbials and ellipsis) Subject and object Active and passive voice Reading:		Mountains Genres covered: Non-chronological reports Diary extracts Playscript Adventure based narrative Poetry Biography Persuasion Explanation Key texts: Treasure at the top of the World. Poetry: 'If' - Rudyard Kipling SPaG: Spelling: Read Write Inc Punctuation: Bullet points and revision of KS2 punctuation objectives Grammar: Layout devices (including headings, tables, columns) Subjunctive form Reading: Explain the meaning of words in context Literal Inference Summarise		Disasters Genres covered: Newspaper Articles Setting descriptions Letters Balanced argument Persuasion Poetry Narrative- focused on dialogue. Newspaper article Recount Instructions Key texts: The Road to London, Titanic; an Edwardian Girl's diary 1912. Poetry: The Tyger- William Blake Dylan Thomas - Do Not Go Gentle. SPaG: Spelling: Read Write Inc Punctuation: Revision of KS2 punctuation objectives and transition tasks Grammar: Revision of KS2 grammar objectives and transition tasks Reading:	

	<p>Explain the meaning of words in context</p> <p>Literal</p> <p>Inference</p> <p>Summarise</p> <p>Predict</p> <p>Develop the use of evidence in written responses</p>		<p>Predict</p> <p>Use of vocabulary</p> <p>Comparisons within and across the text</p> <p>Develop the use of evidence in written responses</p>		<p>Revision of KS2 reading objectives</p> <p>Continue to develop reading for pleasure exploring different genres and authors of texts</p>
Science	<p>Light</p> <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>Working scientifically</p> <p>Making accurate predictions.</p> <p>Reporting and presenting findings.</p>	<p>Animals including humans</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>Forces</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>Working scientifically</p> <p>Taking measurements with increased accuracy.</p> <p>Identifying scientific evidence that has been used to support arguments .</p>	<p>All living things</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>Working scientifically</p> <p>Recording data using classification keys, scatter graphs etc.</p> <p>Recording data using classification keys, scatter graphs etc.</p>	<p>Electricity</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>Working scientifically</p> <p>Planning different types of scientific enquiries.</p>
STEM	<p>Designing and making periscopes.</p>	<p>Bouncing bomb investigation</p>	<p>Bridge building competition.</p> <p>Weight/ paper bridges.</p>	<p>Rainstorm investigation - mountains and valleys</p>	<p>Buoyancy boat floating competition</p>
History	<p>WWII</p> <p>Chronology links with previous topics. Cause and effect of WW1. Investigate impact of war.</p> <p>Battle of Britain as a turning point in British history.</p> <p>Cause and Consequence</p>		<p>Historical expeditions</p> <p>Compare and contrast expeditions to Everest throughout modern history.</p> <p>Similarity and difference</p>		<p>Titanic</p> <p>Investigating Titanic - chronology links.</p> <p>Develop an understanding of the River Tyne and the Jarrow Crusade.</p> <p>Cause and consequence</p> <p>Use a range of sources of evidence to draw conclusions about who was to blame.</p>

Geography	Knowledge of significant places 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. Geographical skills: Mapping (including computers)		Physical and human geographical features, develop and change Human and physical geography of mountain locations. Sustainability Position and significance of mountain ranges. Geographical skills: 6 figure grid references and compass points Fieldwork		Physical and human geographical features, develop and change Map out the route of Titanic using maps. Explore Human and physical geography of America (and the UK). Explore the geographical features of rivers Geographical skills: 6 figure grid references and compass points for Jarrow Crusade journey Mapping (including computers)	
Art	Photography Develop photography skills using composition, colour, light, abstract image, underlying messages and capturing and presenting images in different ways	Investigating and Exploring: Annotate ideas and images and explain how they will form their own ideas. Drawing: Produce drawings including moving figures. Use a framing device to isolate areas to create a sense of perspective.	Investigating and Exploring: Use a range of visual techniques to explore Hokusai's work. Drawing: Use a wide range of techniques to create different effects. Painting: Use brushstrokes to indicate changes in shape and form.		Printing: Evaluate a range of complex patterns and create lino prints. Drawing: Apply visual and tactile techniques including computer packages. Painting: Select and use a range of painting techniques to represent natural disasters in different ways.	Make my voice heard Exploring art with a message, looking at the works of Pablo Picasso and Käthe Kollwitz and through the mediums of graffiti, drawing, painting and sculpture, creating artworks with a message
DT	Food technology- Come dine with me- Wartime special. Work Safely and hygienically to design a three course meal using rationed WWII ingredients to fulfil a design brief.	Textiles - Waistcoats Make do and mend Use a range of sewing techniques to mend waistcoats for a range of people.	Structure: Playgrounds Design and build a model playground with working model equipment	Digital world: Navigating the world Design and create a navigation tool based on a design brief	Electrical systems- Steady Hands game Design and create a game using electrical components to avoid a buzzer sounding	Mechanical systems: automated toys Design and create a mechanical shop window

Computing	Computer systems and networks: communication Learning how the internet works and how it can be used to communicate	Creating media: webpage creation Create a webpage based on WWII learning	Data and information-spreadsheets Collate data based on mountaineers and present using spreadsheets	Creating media: 3D Modelling Design and create a 3d model using computer systems	Programming A- Variables in a game Creating an online game using coding	Programming B- Sensing
PE	Swimming Team Games Hockey Develop agility, coordination, control. Develop game tactics. Gymnastics Combine and perform a series of sequences. Develop balance and strength. Evaluate performance.		Athletics Develop agility, stamina, pace, accuracy, control and strength Dance Rehearse and refine their own style of dance. Evaluate performance. Team Games Develop batting, bowling and fielding skills.		Athletics Develop agility, stamina, pace, accuracy, control and strength Outdoor Education Take a leading role when planning sports' day. Residential visit/ climbing/ orienteering Swimming	
RE	What can we learn about religious diversity in our area?	What can find out about a local Muslim community? What do the gospels tell us about the birth of Jesus?	How and why do people care about the environment?	Why are Good Friday and Easter Sunday the most important days for Christians?	Bridging unit- So what do we now know about Christianity?	
Music	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.	To play and perform in solos and ensembles. Perform for music transition project.	
PHSE	Developing confidence and responsibility. Operation Encompass x 2 lessons NSPCC workshops		Developing a healthy lifestyle. Developing healthy relationships Follow up operation encompass		Preparing to play an active role as citizens Kidsafe	
MFL	Unit 4- Les animaux.	Unit 5- Mon anniversaire.	Unit 6 - Le Monde	Unit 7 - Mon ecole et moi	Unit 12 - French speaking countries	Unit 12 - French speaking countries