Year 6 – Long Term Curriculum Plan

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
English	**Skellig –** Diary entry for Michael. Character description of Michael and Mina – similarities and differences. The garage – descriptive writing – scene setting Fact file – Owls Fact file – William Blake Monologue – Skellig visiting the hospital	**A Christmas Carol –** Tenses – ghost of past/present/future Inference skills – using descriptions from the text to create sketches of each ghost. Character description/analysis – Scrooge Understanding new Language – discussing words used in the original novel. Letter – from the Clerk to Scrooge requesting Christmas day off work. Dialogue – between Scrooge and Marley's ghost.	**The Highwayman –** Letter of persuasion from Bess to King George asking that he does not arrest the Highwayman. Letter of persuasion - The Highwayman asking Bess's father to allow them to be together. Writing own stanza of the Highwayman poem using the format. Monologue of Bess explaining what happened that fateful night – written in present tense.	**Holes –** Playscript of the boys talking whilst digging their holes – stealing the sunflower seeds and blaming Stanley. Instructional writing on how to dig a hole successfully. Letter (after chapter 16 as mum replies in chapter 17) – Lettter home from Stanley to his mum. Story – What wold actually happen if someone escaped from Camp Green Lake and trekked across the 100mile desert? Character study – Stanley Non-fiction writing – research famous outlaws (Billy the Kid).	**Alma/Dreamgiver – Alma** Retell of the story written through Alma's perspective. Story – sequel to the Alma story – another child comes to the shop? Prequel – How did the other children find the shop? Missing child police report. Missing child poster. **Eye of the Storm** Story – what was the green liquid in the vase? Why did the man have it? What does it do? Did he survive the storm? Monologue – piolet explaining his journey so far. Journal/log – each day on the airship – thoughts/feelings/events	**War Horse**
Maths	**Number - Place Value:** Read, write, order and compare numbers up to 10,000,000.	**Fractions -** Compare and order fractions. Add and subtract fractions with different	**Number – Decimals -** Understand numbers up to 3 decimal places.	**Measurement - Converting Units** Solve problems involving calculation and	**Geometry – Properties of Shapes –** Draw 2D shaped using given dimensions and angles.	**Statistics –** Illustrate and name parts of circles, including radius, diameter and

Round any whole number to a degree of accuracy. Use negative numbers in context. Solve number and practical problems. **Number- Addition subtraction, multiplication + division** Solve addition and subtraction multi step problems in contexts, deciding which operations and methods to use and why. Multiply multi-digit number up to 4 digits by a 2-digit number using the formal written methods. Divide numbers up to 4 digits by a 2-digit whole number using the formal written method, interpret remainders as fractions. Divide numbers up to 4 digits by a 2-digit number using the formal written method of short division.	denominators & mixed numbers, using the concept of equivalent fractions. Multiply simple pairs of proper fractions, writing the answer in its simplest form. Divide proper fractions by whole numbers. Associate a fraction with division and calculate decimal fraction equivalents. Recall and use equivalences between simple fractions, decimals and percentages. **Geometry – Position & Direction** – To read and plot co-ordinates in all four quadrants. To draw shapes from co-ordinates given. To become fluent in deciding which part of the axis is positive or negative. To use knowledge of co-ordinates and positional language to translate shapes in all four quadrants. To describe	Multiply decimals by 10, 100 & 1000. Understand digits move to the left when multiplying. To convert decimals into a fraction. **Percentages** - Understand that 'percent' means out of 100. Use equivalences between simple fractions and percentages. Convert between fractions, decimals and percentages. Find percentages of amounts. **Algebra** Explore simple one-step function machines. To write these as algebraic expressions. Use trial and error to consider different patterns. Explore 2-step function machines, work out input and output vales given the rule. Substitute simple expressions and equations to find a particular value.	conversion of units of measure. Using decimal notation up to 3 decimal places where appropriate. Use, read, write and convert between standard units, converting measurements of length, mass, volume and time from a smaller unit of measure to a larger unit. Convert between miles and kilometres. **Perimeter, Area and Volume –** Recognise that shapes with the same areas can have different perimeters. Recognise when it is possible to use formulae for area & volume of shapes. Calculate area of parallelograms and triangles. Calculate, estimate and compare volume of cubes and cuboids using standard units. **Number – Ratio** Solve problems involving the relative sizes of 2 quantities where	Compare and classify geometric shapes based on their properties and sizes and find unknown angles in any triangles, quadrilaterals and regular polygons. Recognise angles where they meet at a point, on a straight line, or vertically opposite, and find missing angles. **Problem Solving –** To develop effective reasoning and problem solving skills. To successfully interpret multi-step word problems and use discussion to plan an approach of finding a solution.	circumference and know that the diameter is twice the radius. Interpret and construct pie charts and line graphs and use these to solve problems. Calculate the mean as an average. **Investigations** **Consolidation**

	translations using direction and use instructions to draw translated shapes. To reflect shapes in both the X and the Y axis.	To use simple formulae. Think about solving equations through worded problems.	missing values can be found by using integer multiplication & division facts. Solve problems involving similar shapes where the scale factor is known or can be found. Solve problems involving unequal sharing and grouping using knowledge of fractions and multiples.			
Science	**Evolution & Inheritance –** To explain the scientific concept of inheritance and identify inherited characteristics. Demonstrate understanding of the scientific meaning of adaptation. Recognise that living things have changed over time, that fossils provide information about living things from millions of years ago. Understand how human beings have evolved, make comparisons.	**Animals Including Humans –** Identify and name the main parts of the human circulatory system. Describe the ways in which nutrients and water are transported within humans. To recognise the impact of diet and exercise on the way their bodies function by describing effects of a healthy lifestyle. To plan different types of scientific enquiries to answer questions including recognising and controlling variables where necessary taking	**Light –** To understand and explain that light travels in straight lines from light sources to our eyes, and from light sources to objects and then to our eyes. To create a model of light travelling. To understand how mirrors reflect light, and how they can help us see objects. To create a periscope and explain how it works. To investigate how refraction changes the direction in which light travels.	**Diet & Lifestyle –** To be able to name the major food groups. To explain what a balanced diet is and why it is important. To be able to plan a meal of healthy nutritional value. To combine recipes with other children in the class and compile a menu for a healthy food restaurant. To know and understand how to respond in a situation where emergency care is needed. To identify everyday factors that can inhibit or increase our levels of	**Living Things & their Habitats –** Describe how living things are classified into broad groups according to common observable characteristics and based on similarities and differences, including micro-organisms, plants and animals by finding out about the Linnaean System of classification. Give reasons for classifying plants and animals based on specific characteristics by exploring unusual creatures and designing their own curious creature.	**Electricity –** Observe and explain the effects of differing volts in a circuit. Recognise symbols when representing a simple circuit in a diagram and draw them accurately. Associate the brightness of a lamp or the volume of a buzzer with the number and voltage of cells used in the circuit. To plan different types of scientific enquiries to answer questions, including recognising and controlling variables where necessary To record my data and report findings.

		measurement with increasing accuracy and precision. To create an enquiry that compares and catagorises different forms of exercise.	To investigate how a prism changes a ray of light. To investigate how light enables us to see colours.	health and well-being; sun protection, dental care, eye care, good hygiene etc.		
History	**To study the Viking and Anglo-Saxon struggle for the Kingdom of England to the time of Edward the Confessor.** Viking raids and invasion. The resistance by Alfred the Great and Athelstan, first king of England and Danegeld. Anglo Saxon laws and justice. Edward the Confessor and his death in 1066.	/	**The Mayan Civilisation** – A study of a non-European society that provides contrasts with British history. Exploring: The Mayan people. Number system. Explorers. Religion & Rituals. Chocolate Traditions	/	**Local History Study –** Pupils pose a research question linked to our local area of the North-East to complete a study unit with final presentation.	/
Geography	/	**Our Changing World -** Name and locate countries and cities of the UK. Identify key human and physical characteristics. Study coastlines and understand how these have changed over time.	/	**Earthquakes & Volcanoes –** Describe and understand the key aspects of physical geography including: Climate zones, volcanoes, earthquakes, tsunamis.	/	**Trade & Economics –** Human geography looking at types of settlement and land use, economic activity, trade links, the distribution of natural resources such as food, minerals and water.

RE	**Islam – Beliefs and Practices:** What is the best way for a Muslim to show commitment to God?	**Christianity – Christmas:** Do Christmas celebrations and traditions help Christians understand who Jesus was and why he was born?	**Christianity – Beliefs and meaning:** Is anything ever eternal?	**Christianity – Easter:** Is Christianity still a strong religion 2000 years after Jesus was on Earth?	**Islam – Beliefs and moral values:** Does belief in Akhirah (life after death) help Muslims lead good lives?	**Islam – Beliefs and moral values:** Does belief in Akhirah (life after death) help Muslims lead good lives?
PSHE	**Being in My World -** Identify goals. Understand fears and worries. Rewards/consequences & making choices about behaviour. Having a voice within the community.	**Celebrating Difference –** To understand and explain difference. To explain some ways that certain people can have power over others. To know some of the reasons why people use bullying behaviours. To give examples of people with disabilities who lead amazing lives.	**Dreams and Goals –** Staying motivated when challenged. Working well with others. Helping to make a difference. Have a positive attitude. Recognising own achievements.	**Healthy Me –** Making healthy choices Taking responsibility for my health and wellbeing. Understand stress and recognise triggers. Understand what it means to be emotionally well.	**Relationships –** Taking care of mental health Being Online: Safe/unsafe? Real or fake? Using technology positively & safely. Love and Loss Power & Control	**Changing Me –** Being aware of self-image and body image. Importance of positive self-esteem. Relationships. Looking after yourself physically. The Year Ahead
Music	Charanga – Happy	Christmas Carols	Charanga – A New Year Carol	Charanga – You've Got a Friend	Charanga – Music & Me	Leavers Assembly
Art & Design	To create an emblem to represent their school house. To create swords and shields as part of the Vikings topic.	Designing and creating crafts and items to buy for our school Christmas brochure.	Using the traditional design format to create a Mayan mask for a celebration.	To create sketches of volcano eruptions using charcoal and pastels.	To use Binka to sew a designed bookmark with initials and patterns.	To design and create a bookbag.
PE	Dance	Gymnastics	Problem Solving & Challenge Games	Net & Wall Games	Football	Athletics & Fitness

CoJo	Leif Erikson	Leif Erikson	Ibn Battuta	Ibn Battuta	Nancy Wake	Nancy Wake
ICT	E-safety – Google It's cool to be kind.	Digital Literacy – Explore a topic with research and collaboration.	Coding – Scratch maths, building with numbers.	Coding – Scratch memory game.	Digital Literacy – Childnet video competition.	Coding - Project