

Curriculum Overview						
	Autumn 1 How can you light up your life?	Autumn 2 What would a journey through your body look like?	Spring 1 Were the Vikings always victorious and vicious?	Spring 2 Will you ever see the water you drink again?	Summer 1 Can you feel the force?	Summer 2 How could Hitler have convinced a nation like Germany to follow him?
Literacy (Early reading)	<ol style="list-style-type: none"> How can you shine a light on your town? Can you introduce yourself as a reporter? (Introduce Tuesday book) Can you interview the man in the dressing gown? Can you share your report, making sure you are addressing the audience and using Standard English? 	<ol style="list-style-type: none"> Can you decide on an event you would like to use for your play script? Can you read some play scripts and role play some scenes with a focus on stage directions? Can you write the lines for your scene setting them out with the characters' name and a colon? Can you perform your scene? Shadow puppetry, poetry, performance, dance etc. 	<ol style="list-style-type: none"> Can you make a role on the wall for your Viking characters – personality, behaviour, thoughts? Can you describe the castle setting using fronted adverbials in the description – outside the walls, through the carved arch? Can you use expanded noun phrases to add detail to your story? Can you write a Viking tale? 	<ol style="list-style-type: none"> Can you find information about something you believe in? Can you organise your notes into for and against points? Can you listen carefully and respond to other viewpoints? Can you hold a debate with others about your chosen topic? 	<ol style="list-style-type: none"> Can you find information from non-fiction text about an astronaut? Can you open your report with a question? Can you work with others to share information? Can you choose the best vocabulary to use? 	<ol style="list-style-type: none"> What is the characters' feelings, thoughts and actions? Can you write a diary entry using the correct tense? Can you look at the carefully chosen verbs and adjectives the writer has used and say why they are effective? Can you proof-read your diary, and listen to others' entries?
Numeracy Problem solving, reading and writing numbers in numerals and words and missing number problems throughout the year.	<ol style="list-style-type: none"> Can you count multiples of the speed of sound? Can you measure the angle that light is shining on a mirror and calculate the angle at which it will reflect? Can you plan a 'route' for light to shine around an 'obstacle course' and record the angles the mirrors will need to set at? Can you plot how the length of a shadow changes as it moves away from a light source? 	<ol style="list-style-type: none"> Can you calculate how many times your heart beats in an hour, day, week, month, year and so far in your life based on your total heart beats in a minute? Can you find out if the statement, 'The larger the animal, the larger the heart' is true? Can you calculate the volume of your lungs? Can you use scale to reproduce a given % larger version of a picture of your face? 	<ol style="list-style-type: none"> Can you 'scale up' the plans for a model Viking longboat? Can you plan a Viking voyage to a location on the coast of Northern England, calculating the distance and the time it should take based on the average speed of a Viking long ship? Can you produce pictures or models of circular Viking jewellery, such as brooches, and accurately measure the radius and diameter? Can you calculate the food you would need to take on a longboat voyage based on the weights and quantities needed for one warrior for one day? 	<ol style="list-style-type: none"> Can you calculate the mean average rainfall from given a set of data? Can you collect, measure and record rainfall over a period of time and then calculate averages and comparisons with other data? Can you calculate differences between temperatures in different regions of the world that have extreme weather? Can you produce a list of 'wild weather world records' and compare these with weather in your locality? 	<ol style="list-style-type: none"> Can you convert between units of weight? Can you add and subtract units of time accurately to compare your results? Can you compare the specifications of two mountain bikes and use maths to prove which is the best model? Can you compare the effect of gravity on Earth and on the moon, including precise mathematical terms? 	<ol style="list-style-type: none"> Can you use coordinates to translate points, using maps from the period? Can you construct a pie chart to show the losses from the major nations involved in the war? Can you tell the story of Hitler's rise to power in numbers? Can you find out the size of each participant's armed forces at the outbreak of the war and calculate the differences?
Science	<ol style="list-style-type: none"> How do your eyes work? Can you use water colour painting to create a landscape or still life painting which shows light and shadow? 	<ol style="list-style-type: none"> Can they identify and explain the function of the organs of the human circulatory system? (heart, blood vessels, blood) Can they locate the major human organs? Can they make a diagram that outlines the main parts of a body? 	<ol style="list-style-type: none"> Can they recognise the impact of diet, exercise, drugs and lifestyle on the way their bodies function? Can they describe the ways in which nutrients and water are transported within animals, including humans? 	<ol style="list-style-type: none"> Can they recognise that living things have changed over time and that fossils provide information about living things that inhabited the earth millions of years ago? Can they explain how some living things adapt to survive in extreme conditions? 	<ol style="list-style-type: none"> Can you design, make and evaluate a structure that will propel a marble as far as possible? Can you design and make a parachute to help you understand more about air resistance? 	<ol style="list-style-type: none"> How did the fighter planes stay up in the air? How did the vehicles travel across the world?
Creativity	ArtsAward					
Theme Geography, history and RE	<ol style="list-style-type: none"> Can you turn on the light switch? Where can I go to find the festival of light? 	<ol style="list-style-type: none"> What is an archaeologist and how have they helped us find out about the past? How can you recreate the wonder of the Pyramids? 	<ol style="list-style-type: none"> Who were the Anglo-Saxons and did they like the Vikings? Why did the Vikings come to Britain and how did they make the journey? 	<ol style="list-style-type: none"> Can you create a moving toy that requires water to power it? How is water used to help provide energy to many places? 	<ol style="list-style-type: none"> Did man walk on the moon? How have we kept ourselves healthy over the years? 	<ol style="list-style-type: none"> Why did World War 2 start and what part did Hitler have in it? What can we learn about this period from the Anne Frank diaries?
Skills and Technology	Are we cooking on gas?	Why do I feel ill?	What floats your boat?	Can we grow our own salad?	Have you got the power?	Why should I invest in you?
PHSE and Citizenship	Why is light important to religion?	What is important to you?	Do our actions speak louder than our words?	That's not fair! Or is it?	How do I know I'm being good?	How do we cooperate?

Forest Schools	Can you draw with a shadow?	How do you keep your body safe?	Can we eat using wood?	How clean is the water we drink?	How much wind do we need to fly a kite?	How do you set up a camp?
PE	<ol style="list-style-type: none"> 1. Are you faster than light? 2. Why are lights important in sport? 3. When would we need light in sport? 	<ol style="list-style-type: none"> 1. What happens to your body when you exercise? 2. What happens to your body when you play sports? 3. What happens to your body if you take part in sport or physical activity consistently? 	<ol style="list-style-type: none"> 1. Are you as strong as a Viking? 2. What makes Vikings big and strong? 3. How can we look like a Viking? 4. What sports did Vikings take part in? 	<ol style="list-style-type: none"> 1. Why is water important in sport? 2. What happens to the water we drink? 3. What sports can be played in water? 	<ol style="list-style-type: none"> 1. What in sport uses forces? 2. Can you demonstrate a range of forces in a range of sports/activities? 	<ol style="list-style-type: none"> 1. What sports/activities were played during this period? 2. What could Hitler have learned through sport? 3. What are the 5 core values of Rugby Union? 4. Would these values and sport have changed Hitler?