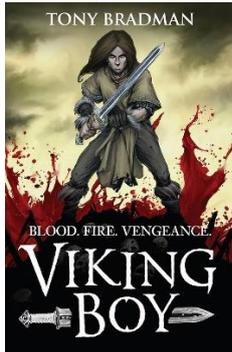




Key Knowledge and Skills

Year 6 Summer 2

This half term, we will continue to use Viking Boy by Tony Bradman to inspire our own writing as well as a range of non-fiction texts about Vikings as we write our own texts about these Nordic raiders!



Key knowledge and skills	Key vocabulary
<p>Science</p> <p>We will be learning about evolution and inheritance.</p> <p>All living things have offspring of the same kind, as features in the offspring are inherited from the parents. Due to sexual reproduction, the offspring are not identical to their parents and vary from each other.</p> <p>Plants and animals have characteristics that make them suited (adapted) to their environment. If the environment changes rapidly, some variations of a species may not suit the new environment and will die. If the environment changes slowly, animals and plants with variations that are best suited survive in greater numbers to reproduce and pass their characteristics on to their young. Over time, these inherited characteristics become more dominant within the population. Over a very long period of time, these characteristics may be so different to how they were originally that a new species is created. This is evolution.</p> <p>Fossils give us evidence of what lived on the Earth millions of year ago and provide evidence to support the theory of evolution. More recently, scientists such as Darwin and Wallace observed how living things adapt to different environments to become distinct varieties with their own characteristics.</p>	<p>Offspring, sexual reproduction, vary, characteristics, suited, adapted, environment, inherited, species, fossils</p>
<p>Computing</p> <p>This half term, we will be coding.</p> <p>Decomposition is method of breaking down a task into manageable components.</p> <p>An algorithm precise step by step set of instructions used to solve a problem or achieve an objective.</p> <p>An event An occurrence that causes a block of code to be run.</p> <p>Execute/Run - clicking the Play button to make the computer respond to the code.</p> <p>Execute is the technical word for when you run the code. We say, 'the program (or code) executes.'</p> <p>Debug/Debugging - Fixing code that has errors so that the code will run the way it was designed to.</p> <p>A command is a single instruction in a computer program.</p>	<p>Action Alert Command Background Decomposition Algorithm Flowchart Nesting Button Debugging Collision Variable</p>



<p>A procedure an independent code module that fulfils a task and is referenced within a larger body of code.</p>	<p>Properties System</p>
<p>History We will continue our unit of work about the Viking invasion of Britain. We will be gathering evidence to form our own opinions about the extent to which the perception of Vikings as violent raiders is accurate. The Vikings came from the modern Scandinavian countries of Denmark, Norway and Sweden. They travelled in boats called longships and first arrived in Britain around AD 787. The Vikings raided places such as monasteries and pillaged expensive items to trade. They invaded Lindisfarne. The Vikings wanted to claim land and tried to take over much of Britain. The kings of Anglo-Saxon Britain each ruled their own kingdom and the people in it. They fought to defend their kingdom or take control of other kingdoms. Edward the Confessor was the last Anglo-Saxon king. In 1066AD, King Harold was killed in the Battle of Hastings. William I (the Conqueror) from France was crowned king of England.</p>	<p>Vikings Scandinavia Longboat Lindisfarne Warrior Battle of Hastings Danelaw Kingdom Invade</p>
<p>Art We will be exploring printing this half term. A stencil is a blocking material used to mask a surface. In it there are holes for ink or paint to pass through. That way, an image is made on the material behind the stencil. Stencils are used when many copies are needed of the same image. It is used in street art, and many public notices.</p>	<p>Stencil Blocking Mask Replicate Apply Print Overlap Batik Wax</p>
<p>R.E. Our enquiry question this half term is 'How can religions help build a fairer world?' Giving to charity is important to many religious and non- religious people. It is a symbol of love for God as well as people</p>	<p>Motivate Motivation Impact Environmental Global</p>
<p>Geography This half term, we will be learning about how the land affects the economy through the way people use the resources available to them. Economic activity is related to the money and wealth in an area. Natural resources are materials from the Earth that are used to support life and meet people's needs.</p>	<p>Settlement Land-use Economic activity Trade links Distribution of natural resources</p>