

NATIONAL CURRICULUM COVERAGE	SUMMARY OVERVIEW	KEY VOCABULARY
SCIENCE: Compare/group materials according to if they are solid/liquid/gas. Observe that some change state when heated/cooled, measuring this in °C. The parts played by evaporation/condensation in the water cycle, and association with temperature. Identify common electrical appliances, construct a simple circuit, identifying/naming basic parts. Recognise that a switch opens/closes a circuit and the role of a battery in whether a lamp is on/off. Recognise common insulators/conductors & associate metals with being good conductors. HISTORY: Develop a chronologically secure understanding of Britain's settlement by Anglo Saxons & Scots, and the long arc of development and the complexity relating to the Viking & Anglo-Saxon struggle for the Kingdom of England, to the time of Edward the Confessor. ART, DESIGN & TECHNOLOGY: To improve their mastery of art and design techniques including drawing. To learn about great artists, architects and designers in history. Understand basic principles of a healthy and varied diet, preparing and cooking a variety of savoury dishes using cooking techniques, understand seasonality and know how/where ingredients are grown, reared, caught and processed. COMPUTING: understand computer networks including the internet, how they can provide multiple services, and opportunities for communication and collaboration.	In Art, Design & Technology, we will be exploring developing our drawing technique in charcoal and creating collage using shape and colour. In Computing, we will begin to think about how we stay connected, looking at digital and non-digital devices, networks, routers and switches. In History, we will be answering the question 'Why did the Anglo Saxons & Vikings invade Britain?' and will investigate maps and geography of the UK and Scandinavia, the push/pull factors for settlement of the Anglo-Saxons and Vikings, the Viking raids and invasions, transport, and our local area in the period. In Science we will learn of different states of matter and group materials into these states. We will investigate the effect heating and cooling have on materials through several investigations and the learn of the water cycle, before moving on later in the term to investigating electrical appliances and circuitry. In Music we will learn how Long and short (rhythm) and high and low (pitch) sounds can be represented by musical symbols. And how these help us to remember what we are going to sing and play.	Solid, liquid, gas, squashing, bending, twisting, stretching, heated, cooled, Celsius, temperature, evaporation, condensation, water cycle, electricity, appliance, circuit, battery, wire, switch, lamp, insulator, conductor Viking, Anglo-Saxon, archaeology, artefacts, raid, invasion, conquer, kingdom, longboat, monastery, Scandinavia, settlement Design, purpose, features, product, evaluate, mechanism, texture, colour, lines, mixing, paint, pattern Technology, analogue, digital, computer, keyboard, icon, mouse, screen, digital, laptop, iPad, phone, touchscreen, games console, print, menu, delete, keys, type, scroll, edit, copy, paste, router, switch Pulse, rhythm, pitch, quiet, loud, notation, symbol, staff
MUSIC: Use and understand staff and other musical notations. Listen with attention to detail and recall sounds with increasing aural memory. MFL (FRENCH): Listen attentively to spoken language, show understanding by joining in and responding. Engage in conversations, ask and answer questions, express opinions and respond to others.	SUPPORT YOUR CHILD'S LEARNING AT HOME 1: Complete our weekly homework; this is usually daily reading, times tables or maths challenges, and weekly spelling practices. 2: Can you find out any interesting facts about the Vikings/Anglo-Saxons? What did they eat and drink? What did they wear? 3: Read daily with your child, using both phonic and reading books. Give them access to the school's e-library/Appleyby's real library as well; encourage a love of books, and reading for pleasure!	VISITS / VISITORS TBC: Penrith Museum: Anglo Saxons and Vikings in Eden

