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| **Year Group: 5 Term: Autumn Topic/ Title:**  **Knowledge, Skills and Understanding**  **Hook: Begin topic by arranging an artefact dig where children find various artefacts and then must observe, sketch them and discuss what they think they are.** | | | |
| **Science Skills**  Forces  Pupils should be taught:   * Explain that unsupported objects fall towards the earth because of the force of gravity acting between the earth and the falling object. * Identify the effects air resistance, water resistance and friction that act between moving surfaces. * Recognise that some mechanisms. Including levers. Pulleys and gears, allow a smaller force to have a greater effect. * Research scientists such as: Galileo Galilei, Isaac Newton. | **Resources**  Various examples of pulleys and gears.  Toys, mechanisms with friction working them.  Laptops for research.  **Key vocabulary:**  Force, pulley, gear, gravity, friction, lever, gear, air resistance, water resistance, upthrust, greater effect.  **Work scientifically by**:  *Exploring falling paper cones or cup-cake cases, and designing and making a variety of parachutes and carrying out fair tests to determine which designs are the most effective. They might explore resistance in water by making and testing boats of different shapes. They might design and make products that use levers, pulleys, gears and/or springs and explore their effects.* | **Creative Arts Links**   * *Design and make jewellery based on Anglo Saxon patterns.* * *Design and make a Viking long boat and test upthrust, air resistance, etc.* * *Make and taste a Viking meal.* * *Sketch various artefacts.* | **Suggested Texts/ Reading Links**  *Beowulf By Kevin Crossly-Holland*  *The Lantern bearers By Rosemary Sutcliffe* |
| **Humanities/ History**  Britan’s settlement by Anglo-Saxons and Scots:   * Roman withdrawal from Britain in c.AD410 and the fall of the western Roman Empire. * Scots invasions from Ireland to north Britain (now Scotland). * Anglo-Saxon invasions, settlements and kingdoms; place names and village life. * Anglo-Saxon art culture. * Christian conversion –Canterbury, Iona and Lindisfarne.   The Viking and Anglo-Saxon struggle for the Kingdom of England to the time of Edward the Confessor:   * Viking raids and invasion. * Resistance by Alfred the Great & Athelstan, first King of England. * Further Viking invasions and Danegold. * Anglo-Saxon laws and justice. * Edward the Confessor and his death in 1066. | **Resources** | **Enrichment**   * Trip to see Saxons/Viking artefacts. * Arrange an artefact dig where children dig up artefacts then research what they are and write a report (English link) | **Gifted and Talented**   * Research the life of one person who has had an influence on GB dividing into four separate countries. |