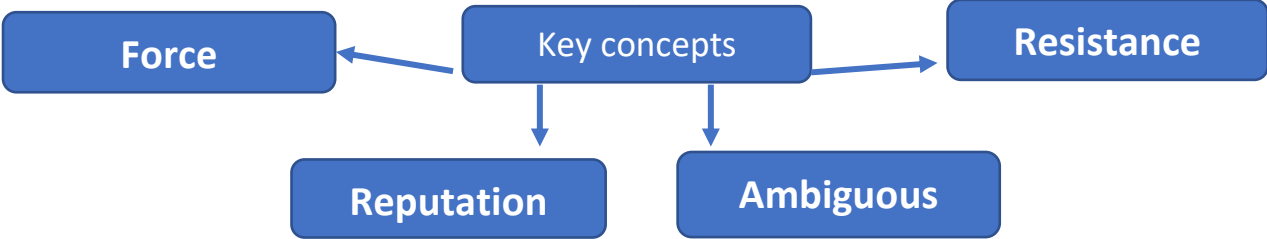




Summer Term  
2024



Enquiry Question: Has good ever come from the use of force?



**Curriculum**  
 During this project, Class 4 will learn the strengths of different forces and how they have impacted our lives. We will be exploring physical forces including: gravity, air/water resistance and the use of push/pull forces and we will use these to create balloon buggies. We will also explore how force is often used by groups of people to get what they want and whether or not this can be good.

**Literacy**

- Quest narrative based on 'The Theft of Thor's Hammer'
- Diary entry - from the viewpoint of a Viking raider or a Saxon citizen during a raid
- Journey narrative with setting description focus - the journey of the Vikings coming over to Britain
- Discussion writing - Do the Vikings deserve the reputation they have gained?

**Maths**

- Y5: Number – decimals, negative numbers  
 Measurement – converting units, volume  
 Geometry – shape, position and directions  
 Statistics
- Y6: Measurement – area, perimeter and volume  
 Statistics  
 Geometry – shape, position and direction  
 Consolidation

**Launch Day**

Games/activities that use and show different forces

Tug of war, shooting balls into hoops, tug of war

### Science – forces

- 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 of 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.
- Identifying scientific evidence that has been used to support or refute ideas or arguments.
- Research key scientist who had important discoveries in the field of forces – Sir Isaac Newton and Galileo

### Other curriculum areas (ART/DT/RE/ and PE)

- ART/ DT: Improve their mastery of art and design techniques, including drawing, painting and sculpture. We will also explore great artists. Making monotypes. Research, design, make and evaluate balloon buggies.
- Computing – select, use and combine a variety of software (including internet services) on a range of digital devices to design and create a range of programs, systems and content that accomplish given goals, including collecting, analysing, evaluating and presenting data and information. Use of microbit.
- History: The Viking and Anglo-Saxon struggle for the Kingdom of England to the time of Edward the Confessor. Vikings raids and invasion. Resistance by Alfred the Great.
- Geography: Describe and understand key aspects of human geography, including: types of settlement and land use, economic activity including trade links, and the distribution of natural resources including energy, food, minerals and water. How human geography had caused pollution and water shortages in Mexico City.
- Music: Listen and appraise different genres of music, matching and copying rhythms and working towards performing a song.

### Intended Outcome

Pupils will have opportunities to explore different types of forces. They will see how force is often used by groups of people to get what they want when travelling to new countries.

### Important Diary Dates

- R.E. day: 25.04.24
- Half term: 31.05.24-03.06.24
- Sports day: 11.06.24
- Residential: 01.07.24-03.07.24



This overview shows the intended learning, which may change due to pupil interests.