

### **As mathematicians we will:**

- be developing mathematical confidence to
- Use mental and written methods to add, subtract, multiply and divide
- To recognise and represent numbers up to 1,000,000.
- To confidently recall all times tables.
- Solve problems
- Develop our reasoning skills

### **As scientists and engineers we will:**

- Look at different materials and their properties.
- Explore different states of matter and investigate Non-Newtonian substances.
- Experiment with different methods of separation; dissolving, evaporation and filtering.
- Learn about different forces.
- Create a parachute experiment investigating gravity and air resistance.

### **As British citizens we will:**

- Participate in debates surrounding the ethics and morality of issues that effect our everyday lives.
- Explore friendship and the importance of encouraging others.

### **As athletes we will :**

- Gain an understanding of keeping fit through cross country and circuit training.

### **To enrich our learning we will:**

- Create products to sell at the Christmas Bazaar.
- Experience 'Under the Sea' using Virtual Reality
- Visit the Isle of Wight for a residential.

## Year 5 Term 1 Life at Sea



### **As geographers and historians we will:**

- Learn about the continents and oceans around the world.
- Look at the differences between the Great Barrier Reef and The Arctic - how is climate change affecting these locations.
- Discover famous ships such as the Titanic and the Mary Rose.

### **As designers and musicians we will:**

- Use pastels and sketching pencils to form patterns and artwork based on creatures from under the sea.
- Create line drawings.
- Use printing to create marble paintings.

### **As readers and reporters we will:**

- Study a range of books including "Flotsam" by David Weisner; "The Selkie Girl" by Janis Mckay and "Song of the Dolphin Boy" by Elizabeth Laird.
- Write information reports about different ocean creatures.
- Write diary entries.
- Write letters to an MP about environmental issues
- Prepare and perform poetry.
- Write to persuade.

### **As computer scientists we will:**

- Learn how to keep ourselves safe on the internet
- Use ToonDoo to create own cartoon strips based on internet safety.