Beaufront First School — **Class 2** Autumn Term Topic Web – Cycle B

Science

Scientists and Inventors

- To examine the life and work of Alexander Graham Bell.
- To present their work about Alexander Graham Bell to an audience.
- To sort facts about the scientists who discovered oxygen.
- To use prompts and key words to explain the effect of oxygen on burning.
- To describe absolute zero as the coldest possible temperature.
- To sort statements to describe Lord Kelvin's life and work.
- To identify temperatures on a thermometer.
- To identify appliances that run on electricity.

Animals including Humans

- To identify that animals, including humans, need the right types and amount of nutrition, and that they cannot make their own food.
- To understand that they get nutrition from what they eat Identify that humans and some other animals have skeletons and muscles for support, protection and movement.
- To generate relevant scientific questions.
- To identify differences related to scientific ideas.
- To make predictions and suggest equipment.
- To make careful observations, record findings using labelled diagrams and use results to make predictions for new values.
- To identify parts of the digestive system.
- Tomatch the parts of the digestive system with their functions.
- To match the types and functions of teeth.
- To construct and interpret a food chain.

PE & Swimming

Fundamental Skills

- To focus on the core skills required to access all areas of the PE Curriculum.

Football

- To develop passing and kicking skills and the concept of attacking and defending in the context of small games.

Swimming

- Taught by specialist swimming coaches

Geography

Anglo Saxon Settlements

- To describe and understand key aspects of human geography, including types of settlement and land use, and the distribution of natural resources.
- To use sketch maps to record features.
- To understand some aspects of human geography including place names that describe the settlement.

Art/Design and Technology

Anglo Saxon Homes and Amulets

- To generate, develop and communicate their ideas through talking and drawing.
- To select from and use a wide range of materials, according to their characteristics.
- To evaluate their products against design criteria.

PSHCE

New Beginnings

- Gain an understanding of the value of feeling part of a group.
- Understand a range of emotions and begin to recognise these in others.
- Begin to manage feelings related to beginning something new.
- Recognise the importance of rights and responsibilities.

RE

Christianity

- Why is Christmas important to Christians?
- To look at many aspects of Christmas that are important to Christians.
- To discuss why this festival is important to Christians.

Music

Djembe Drumming

- Learning about the language of music through playing the Djembe drums.
- Learning is focused around exploring and developing playing skills and students are encouraged to play accurately and to be creative.

Modern Foreign Language – French

All around town

- To locate some of France's key cities.
- To say in French what amenities or features are found in their own town.
- To use multiples of ten and number operations to do simple calculations.
- To vary sentences about asking and giving simple addresses.
- To use a bilingual dictionary with increasing confidence.

History

Anglo Saxons

- To understand that many different peoples have settled in Britain since the start of the Common Era and have helped shape the nation.
- To understand how people's lives have shaped Britain.
- Understand cause and consequence.
- To gain historical perspective by placing their knowledge into different contexts.
- To understand historical concepts such as continuity and change, and cause and consequence.
- To gain historical perspective by understanding the connections between local and national history, and between short- and long-term timescales.
- To understand how Britain has been influenced by the wider world.

Computing

Computer Science – Programming Scratch and Logo

- Design, write and debug programs that accomplish specific goals... solve problems by decomposing them in smaller parts. Use sequence, selection and repetition in programs Use logical reasoning to explain how some simple algorithms work and to detect and correct errors in algorithms and programs.