

**Class: Hawthorn**  
**Term: 2 2022-23**

**Literacy**

**Key Text:** The Spiderwick Chronicles by Holly Black

**Purpose for writing: Writing:** To begin the term off, we will be completing our tension filled unit, based on the Spiderwick Chronicles. Once this is complete, we will be turning our attention to some non-fiction. Our unit will be focused on the topic of dragons and we will be writing an explanation text. As a class we will be looking at a model text that explains why mountain gorillas are endangered. We will then create a class innovation based around why dragons became extinct whilst the children create their own mythical creature and explain why it has become extinct. Finally the children's independent hot write will be an explanation as to why it is important to look after dragons.

**Grammar:** We will cover a range of grammar subjects in both the stand alone lessons and during the literacy sessions. Some of the topics that we will cover this coming term will include: modal verbs, speech punctuation, possessive apostrophes, adverbs and tense types.

**Word Reading / Comprehension:** As part of our reading this term, we will be looking at a range of our reading VIPERS: vocabulary, inference, prediction, explanation, retrieval and summary.

**Computing**

**Focus: Online safety and spreadsheets** in our first online safety unit this year, children will be examining responsibilities and support when online and reliability of sources. In the spreadsheets unit, children will be discovering about using spreadsheets for calculations.

**Quest: Ancient Egyptians**

In this quest, children will begin by finding out that a museum has had to shut down and can't do any tours. They are told that we are going to create a virtual Egypt museum. Over the course of the unit, the children will discover about the history, geography and art of this country to create a green screen museum presentation.

**Geography**

**Focus: Raging Rivers**

Using the River Nile as a basis for our work, this term we will be discovering about the geography of rivers. Over the course of the unit, we will be looking at a number of rivers both nationally and internationally, including our local rivers. They will find out about different parts of the river, including that rivers get wider as they reach the mouth. They will discover that rivers are often used as a boundary between countries and also that they are a source of trade and economy (building on the work that they have done regarding economy in Ancient Egypt). They will investigate rivers on maps and also use field work skills to record data about rivers. Finally they will look at the impact of humans on rivers, investigating the effects of global warming on evaporation rates and how this can lead to increased flooding.

**Music**

**Focus: Classroom Jazz 2** . All the learning is focused around two tunes and improvising: Bacharach Anorak and Meet The Blues. They will listen to and appraise the songs. After this they will play instruments and also improvise along to the jazz. Finally they will perform some of their work.

**PE**

**Focus: social skills and real dance** **Focus: Social Skills** In this unit, children will have the opportunity to, through a range of activities and sports, develop their social skills in PE. Over the unit, they will be focusing upon: co-operating well with others and giving helpful feedback. They will also be learning dance skills.

**PHSE**

**Focus: Thinking Positive** In this unit of work, children will consider about a positive state of mind. They will explore facing their own feelings, thinking about choices and consequences and being positive.

**Maths**

**Year 5 Statistics:** Year 5s will be exploring statistics in different forms including charts, line graphs and tables. They will also recap comparison, sum and difference. **Multiplication and division** children will begin by looking at what multiples are. They will spend time finding out about a lot of new terminology in maths such as primes, factors, common factors, square numbers, cube numbers. We will then focus on multiplying and dividing by 10, 100 and 1000. **perimeter and area** our final unit of the term will be focused on perimeter and area beginning with measuring perimeter and then calculating the perimeter of different shapes. After this children will find out about the areas of both regular and irregular shapes.

**Year 6 Addition, subtraction, multiplication and division** The first aspect of this unit this term will be finding out about using long division. After this we will explore factors, multiples and primes before completing with square and cube numbers and finally the order of operations. **Fractions** our first focus in this unit will be about equivalent fractions. We will also focus on simplifying, converting between improper fractions and mixed numbers, fractions on a number line, comparing and ordering fractions, adding and subtracting fractions, adding mixed numbers, multiplying and

**Science**

**Biology: Materials and their properties**

Over the course of this unit, children will have the opportunity for lots of hands on investigations to enable them to discover about the properties of a range of materials. They will compare and group together everyday materials on the basis of their properties, including their hardness, solubility, transparency, conductivity (electrical and thermal), and response to magnets. They investigate that some materials will dissolve in liquid to form a solution, and describe how to recover a substance from a solution and use knowledge of solids, liquids and gases to decide how mixtures might be separated, including through filtering, sieving and evaporating.

**RE**

**Focus: Islam: What does it mean for a Muslim to follow God?** In this unit, children will further examine the five pillars of Islam, thinking about how the prophet Muhammad and how stories about him guides their beliefs and actions.

**French**

**Focus: Core vocabulary- counting to 100**

In this unit, the class will learn more about the names of French numbers, beginning to count to 100. they will explore the links between number names and see links with English names.

**DT**

**Focus: CAMS**

In this unit, children will be investigating different types of mechanical systems. They will be creating a moving component to an object and investigating how different cams can create different types of movements. They will investigate the type of movement that they would like to create in their toy and then use joining skills to create this. They will be evaluating how well the product has been designed for purpose.