

**As writers we will :** exploring the use of emotive language and the effective use of manipulating sentences to create an engaging speech that captivates an audience. Through our speech writing we will further develop our use of higher level punctuation. As well as developing our writing skills, we will focus on improving our oracy skills by rehearsing and performing our speeches about plastic pollution.

- As mathematicians we will:**
- Estimate and use inverse operations to check answers to a calculation.
  - Add and subtract whole numbers with more than 4 digits, including using formal written methods (columnar addition and subtraction)
  - Add and subtract numbers mentally with increasingly large numbers.
  - Use rounding to check answers to calculations and determine, in the context of a problem, levels of accuracy
  - Solve comparison, sum and difference problems using information presented in a line graph
  - Know and use the vocabulary of prime numbers, prime factors and composite (nonprime) numbers
  - Identify multiples and factors, including finding all factor pairs of a number, and common factors of two numbers
  - Calculate and compare the area of rectangles (including squares), and including using standard units, square centimetres (cm<sup>2</sup>) and square metres (m<sup>2</sup>) and estimate the area of irregular shapes.

**As Artists we will:** study colour theory, where will look at the primary and secondary colours. We will complete an art project using our knowledge of colour using recycled products.

HPL links for this half term are:



**This half-term we will:**

Welcome the children to the planet's biggest challenge, Climate Change.

The children will learn about how the earth's temperature has changed dramatically in the last 200 years, what has caused this increase, the dangers presented by the change and what is being done by the UAE and countries around the world to help combat this problem.

We will research facts and figures of climate, temperature, countries, habitats and ecosystems, affected by Climate Change.

The children will be challenged to come with ideas and solutions that will help save the world from the dangers of climate change.



- As readers we will:**
- Explore our book, What a Waste by Jess French
  - Make inferences about a character's feelings, motives and intentions, justifying these inferences with evidence from the text.
  - Use the reading rainbow to consider the author's intent and choices.

**As scientists we will:** Look at Living Things and Their Habitats, We will look at the life cycles of different animals and make comparisons between different types of animals. We will also record data and results of increasing complexity using scientific diagrams, labels, classification keys and tables.

**As Historians we will:** identify the key events and dates that have lead to the climate change problem the world is now facing.

**As design and technologists we will:** design our own cities that are fully sustainable and carbon neutral using inspiration from EXPO 2020 sustainability district.

**As users of technology we will:** continue to explore how to stay safe online and how to use technology in a safe appropriate way.

**As citizens' of the UAE we will compare and analyse different climates around the world.**

GFS Curriculum Drivers linked to the National Agenda

Enterprise and Innovation	Eco and Environment	Inclusive Communities
<p><b>As innovators</b></p> <p>We will discover what our impact is on the planet by keeping a diary of our carbon footprint.</p>	<p><b>As people concerned with the environment</b></p> <p>By investigating our own carbon footprint, we can carefully consider changes we can make to help the planet along with our family.</p>	<p><b>As members of a community</b></p> <p>Year 5 will come together to promote and run a recycling initiative with our local community to help reduce our waste.</p>

Opportunities for Enrichment	
School	Home
<p>♦ We will build plant pots out of eco bricks after our recycling initiative.</p>	<p>♦ Create a home electricity log and investigate how you can reduce your carbon footprint.</p>