

**2023/2024
Year 5
Curriculum
Map**

**Climate
Control**

**Term
1.2**



Our Vision

Grow, Flourish Succeed.

Our Mission

**Together we inspire creative,
mindful learners who value
diversity , support one another
and strive for success.**

We 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 writers, we will:

- Explore the use of emotive language and the effective use of manipulating sentences in order to persuade.
- Create an engaging speech that captivates an audience.
- Develop oracy skills by rehearsing and performing speeches about plastic pollution.



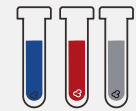
As readers, we will:

- Explore the class text, What a Waste by Jess French.
- Make inferences about a character's feelings, motives and intentions, justifying these inferences with evidence from a text.
- Consider the author's intent through the analysis of language and structure.



As mathematicians, we will:

- Estimate and use inverse operations to check answers.
- Add and subtract whole numbers with more than 4 digits, including using formal written methods.
- Add and subtract numbers mentally with increasingly large numbers.
- Identify prime numbers, prime factors and composite numbers.
- Identify multiples and factors.
- Calculate and compare the area of rectangles and estimate the area of irregular shapes.



As scientists we will :

- Look at the life cycles of different animals and make comparisons between different types of animals.
- Record data and results of increasing complexity using scientific diagrams, labels, classification keys and tables.



In computing we will:

- Explore how to stay safe online and how to use technology in a safe appropriate way.



As historians and geographers , we will:

- Locate the continents on a world map.
- Explain how greenhouse gases play a role in climate change.
- Compare and contrast renewable and non-renewable energy.
- Understand the effects of deforestation.



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.



As citizens' of the UAE we will:

- Compare and analyse different climates around the world.