

**2024/2025
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 up with ideas and solutions that will help save the world from the dangers of climate change.





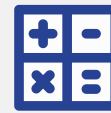
As writers, we will:

- 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:

- Read 'What a Waste' by Jess French.
- Distinguish between statements of fact and opinion.
- Retrieve, record and present information from non-fiction.
- Retrieve key vocabulary for the text and explain the meaning in context



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 :

- To identify forces acting on objects.
- Explain the effect that air resistance has on objects.
- Plan, carry out and evaluate an investigation.
- Explain how different mechanisms work (lever, pulley and gears).



In computing we will:

Learn how to stay safe online and how to use technology in a safe, appropriate way.



As historians and geographers , we will:

- Explain how greenhouse gases play a role in climate change.
- Interpret data including temperature, precipitation patterns and the rise and fall of sea levels.
- Compare renewable and non-renewable energy.
- Explain the effects of deforestation.



As artists we will:

- Create light tones using ink wash techniques.
- Create dark tones using ink wash techniques.
- Create a detailed line drawing landscape.



As citizens' of the UAE we will:

- Explain the relationship between weather patterns and climate zones.
- Analyse the ways in which landforms and climate have shaped human settlements and activities.
- Evaluate the impact of climate change on different ecosystems.