

Climate Change

Key Vocabulary:

climate change
oceans
pollution
physical
human
impact
effect
global
implications
critical

Home learning ideas:

Research how you can reduce your carbon footprint.

Make a 'shoebox' model to demonstrate the greenhouse effect.

Research the impact of climate change on different countries around the world.

PE:

Tennis
Rounders

Maths:

Number

- Multiply & divide numbers by a two-digit number using formal written methods
- Solve problems involving the four operations

Algebra

- Use simple formulae
- Generate and describe linear number sequences
- Express missing number problems algebraically.
- Find pairs of numbers that satisfy an equation with two unknowns
- Enumerate possibilities of combinations of two variables

Geometry

- Draw 2-D shapes using given dimensions and angles

Measurement

- Use, read, write and convert between standard units

Statistics

- Interpret and construct pie charts and line graphs and use these to solve problems

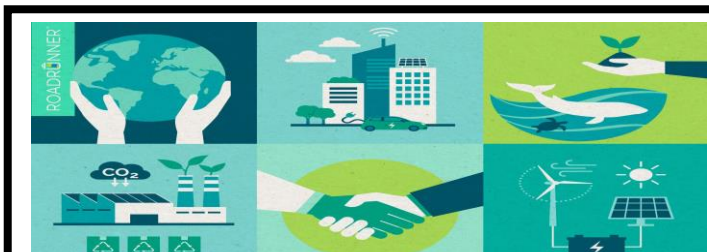
Science:

Evolution and Inheritance

- To understand that adaption of plants and animals to suit their environment may lead to evolution.
- To find out about how the work of scientists has helped developed our understanding of the process of evolution.
- To recognise that living things have changed over time and that a number of factors can affect a species' evolution.
- To understand how humans have evolved over time, and how human behaviour can affect change in species over time.

Key questions for this area of learning:

- What is climate change?
- How might climate change impact on my life?
- What might the world look like in 30/50/100 years?
- What can I do to reduce the impact of climate change?



English:

Narrative: write a mystery story

Text used: The Cave of Requirement

Letters: demonstrating levels of formality

Videos used: Francis, Alma, Road's End etc.

Non-chronological report & Persuasion

Text used: The Multi-Function Mobile Phone

Various short-burst writing

Visits, visitors or key events:

- Enterprise: 5th June
- Residential: 16-18th July
- Bikeability: 11, 12, 13, 18th June
- End of Year Production: 9-10th July
- Sports Day: 19th June
- Leavers' Assembly: 28th July
- Transition Days (individual schools)

RSHE:

Puberty

- Know how my body will, and emotions, may change as I approach and move through puberty.

Menstruation

- Know what menstruation is.
- Know why menstruation occurs.
- Know what products are available, where to get them and how to use them.
- Know how to manage my own period;
- Know what I can do to support others during menstruation.
- Know how it links to puberty

Gender and Gender Roles

- Know what LGBTQ means.

Female Genital Mutilation

- Know that FGM exists.
- Know that it is against the law.

Road Safety

- Ride my bike safely and with confidence, ensuring I always wear PPE.
- Understand and follow road signs.

Art & Design:

Collage

- Use own collage and found materials/papers to make abstract collage pieces.
- Look at architecture using tonal collage and horizontal/vertical lines.
- Apply wash with ink/paint.
- Evaluate and analyse the creative work of artists, designers and architects.
- Know that art, craft design and architecture has shaped our history and that of different cultures.

Computing:

Sensing Movement

- To create a program to run on a controllable device.
- To explain that selection can control the flow of a program.
- To update a variable with a user input.
- To use a conditional statement to compare a variable to a value.
- To design a project that uses input and outputs on a controllable device.
- To create my own digital 3D mode.
- To develop a program to use inputs and outputs on a controllable device.

Geography:

Climate Change

- Understand geographical similarities and differences between the UK and around the world through the study of climate change.
- Understand how climate change interlinks with economic activity, including trade links.
- Use four and six-figure grid references.
- Use digital/computer mapping to locate countries and describe features.

Design & Technology:

Celebrating Different Cultures

- Design a special dish for a community considering climate change/sustainability.
- Know that what people around the world eat depends on reasons such as availability, preference, resources, time, culture and religion.
- Demonstrate how to prepare and cook a variety of predominantly savoury dishes safely and hygienically, including, where appropriate, the use of a heat source.
- Measure accurately and calculate ratios of ingredients to scale up or down from a recipe.
- Alter methods, cooking times and/or temperatures.
- Know that some people may have certain food allergies.
- Know about food hygiene and food safety, being aware of food controls used in other cultures.

RE:

Teachings, wisdom and authority

- Use artefacts and videos to describe how religious people use sacred texts in their worship, for private study and guidance.
- Explain two examples of people from the religious they have studied who use sacred texts.
- Describe similarities and differences between texts they have studied.
- Consider why some texts from the Torah, the Bible and the Qur'an are seen as sources of wisdom different communities.
- Respond thoughtfully to the ideas found in texts with ideas of their own.
- Consider moral codes, expressing thoughtful ideas about what is right and wrong in the light of their learning

Music:

Moving On

- Sing a song with expression and sustained notes.
- Sing in two- and three-part harmony.
- Perform complex song rhythms confidently.
- Identify the structure of a piece of music.
- Learn to play a melody with a choral accompaniment.
- Play instrumental parts to accompany a song.

