

## This term's Big Question:

Can we explore the biggest environmental challenge of our time?

## Overview

In this project, pupils will develop an in-depth knowledge of **factors** that are currently having an **impact** it had on **individuals**, **communities** and **countries**. In particular, the children will learn about the effects of **pollution**, **deforestation**, **overpopulation** and **climate change**.

### Science

- How do animals and plants **adapt** to suit their **environment**?
- How does **adaptation** lead to **evolution**?
- How did **Gregor Johann Mendel** contribute to the knowledge of how **inheritance** leads to **evolution**?



#### Key vocabulary:

Adaptation, evolution, inheritance, environment, genes, dominant traits, recessive traits, offspring, survival.



**Harriers Banbury Academy**  
**Year 6 Term 6**

**Knowledge Organiser**

**Aspiration: Fun & Excitement**

### Project (Topic)

- How does **deforestation impact** on the local, regional and world **environment**?
- Why has there been such a rapid **increase** of **urbanisation** in recent years?
- What are **governments** from around the world doing to help protect our **environment**?
- What **environmental** problems are other countries having to face?

#### Key vocabulary:

Deforestation, urbanisation, overpopulation, density, pollution, government, legislation, law, global warming.

### Maths

Data:

Sort, data, chart, axis, tally chart, bar chart, table, frequency table, pictogram, Venn diagram, Carroll diagram, most/least common, most/least popular.



Real world maths problems including finances, budgeting, taxes, VAT.

### English

#### Reading:

Old Enough To Save The Planet  
Greta Thunberg – No one is too small to make a difference



#### Comprehension:

Focus on vocabulary, inference and retrieval.

#### Writing:

Accurate and varied use of punctuation to correctly structure my sentences (as well as vary it), range of clauses to add variety to my writing and cohesive features to make my writing flow.

#### Grammar:

Correct use of punctuation, determiners, nouns to verbs, possessive pronouns, relative pronouns, sentence types, subjunctive mood and question tags.

#### Spelling:

Endings sounding like 'shun', silent letters, i sound spelt y

### RSE:

- What **changes** do our **bodies** go through as we grow up?
- How do these changes allow for **sexual reproduction** to take place?
- How can **peer pressure** (online and offline) **affect** the way we act and see ourselves?

### Business/Careers links:

- Environmentalist
- Nature conservation
- Horticulturist

### PE – Monday and Thursday

#### Rounders and Cricket

Can a shot be selected to contribute to the **team's success**? What **fielding techniques** can be used to prevent a team from scoring?