

## English

### Term 1: Writing to Discuss

- Script for a podcast – balanced argument about global warming, including interviews from various people
- A 'National Geographic' article reporting the issues around climate change
- Natural disasters report about flooding/earthquakes/tsunamis, comparing different countries (Geography link)

### Term 2: Writing to Inform

- Write a covering letter to major companies informing about the dangers of global warming and what they can do to help
- Write a planning application for a renewable energy farm in Winthorpe to inform the community
- Postcards/letters to international companies about positive/negative things they are doing, linked to global

## Maths

### Fractions, Decimals and Percentages

- Find equivalent fractions, simplify fractions
- Find fractions of amounts, compare and order
- Recognise mixed number and improper fractions and convert between the two
- Read and write decimals as fractions
- Recognise that percent relates to 'number of parts per hundred' and write percentages as a fraction

### Decimals and Percentages

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### Algebra and Ratio

- Missing number problems
- Use simple formulae to describe linear sequences
- Using scale factors and solving proportion problems

## Science

### Electricity

- Electrical circuits – adapting to serve a purpose
- Circuit designs and blueprints
- Electric art – testing, designing, making, evaluating
- Investigate brightness of a bulb in a circuit
- Scientists and inventors

### STEM Project – The Big Bang Project

### Enquiry

Comparative fair testing, pattern seeking, observing changes over time, classifying and grouping, research using secondary sources

## Computing

### Radio Station

Using audacity software  
Creating jingles  
Planning and writing podcast script  
Recording/editing podcast using software

### Coding – Animating Stories

Animating a scene  
Broadcasting a message  
Planning and sequencing a story  
Adding audio

## MFL: German

Places in town  
Asking for directions  
Following directions  
German Fasching  
German foods in a take-away  
Restaurant food  
Ordering food  
Easter traditions

## Year 5/6 Cycle A Spring Term Planet in Peril



## PE

Swimming  
Dance  
  
Hockey  
Golf

## RE

### Exploring the Old Testament

Who is in the Bible?  
Who are these people following?  
What is in the Bible?  
Wisdom in the Bible  
How and when was it written?  
Friendship and loyalty  
Trust in God; courage

### Pilgrimages

Pilgrimage places including Jerusalem  
Christian pilgrimages and reasons for them  
Muslim pilgrimage – Hajj  
Sikh and Hindu pilgrimages

### Easter

Judas' betrayal  
Sacrifice and forgiveness  
Giving things up / sacrificing

## PSHE

### Growing & Changing

Media manipulation and pressure online  
Managing change  
Is this normal?  
Making babies (Y6 only)

### Rights and Respect

Two sides to every story  
Fakebook friends  
Caring for the environment  
Democracy – elections and how laws are made

## Geography

### Physical Geography – Flooding

Rivers – why are they important?  
From source to sea  
Types of flooding  
Coastal flooding and erosion  
Planning and preparing for flooding  
The dangers and impacts of flooding  
Flooding case study

### Human Geography – Distribution and Trade

Where does our energy come from?  
Renewable and non-renewable energy  
Where does our food come from?  
Conservation of resources  
Is there enough for everyone?

## Music

### Keyboard

Notes of staff and ledger lines  
Score directions  
Note values including rests and semi-quavers  
Rhythmic reading  
Time signatures  
Major scales

### Band Workshop

Create a band performance using instruments studied  
Listening to and analysing a performance  
Maintain a steady beat to accompany performance  
Play harmonic accompaniment on different instruments

## Art

### Climate Art Project

Earth collage – investigating texture  
Icebergs/glaciers using pastels – investigating tone (Zaria Forman)  
'Paint for the Planet' evaluate existing work  
Plan and create final piece

## DT

### Vegan/Vegetarian Food

Research vegan and vegetarian food currently on the market (supermarkets/menus)  
Plan and develop ideas for a recipe  
Design a well-balanced vegan/vegetarian meal  
Food hygiene and being safe in the kitchen  
Make and evaluate individual products and meals