

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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- Recognise that percent relates to 'number of parts per hundred' and write percentages as a fraction

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

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 stave 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

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