



Planet Earth

English

Narrative writing – focus on beginning and endings
 Newspaper Report Writing – the environment
 Discussion/Balanced argument writing - animals in zoos
 Book Reviews – class reader
 Writing dialogue – looking after our planet
 Non Chronological Report writing – plants and animals
 Poetry – different styles of poetry, focusing on planet earth

Maths

Place Value
 Fractions
 Multiplication and Division
 Geometry
 Measures
 Addition and Subtraction

Humanities

Achievements of the Ancient Sumer
 Endangered animals
 Deforestation
 Identifying key features of planet earth including
 continents, countries, time zones
 Looking after our planet

Science

Investigations: Plant dyes in celery, precipitation activity, microhabitats in jars.

Plants: Growing seeds and blubs, growing vegetables for healthy eating. Creating a wild life habitat.

Animals: Looking at climate change effects of endangered animals including in the UK

Computing

Stop Motion
 Coding
 Keeping Safe Online

R.E

What do my senses tell me about the world of religion and belief?
 What do Jews remember on Shabbat?

French

Numbers
 Months of the Year
 About me

Curriculum Enrichment

Beach Trip
 Earth Day – 22nd April
 Author visit (remote)

Art and DT

Design and make a litter picker
 Planet earth window mosaic
 Creating a hanging container to grow plants out of recyclables
 Bird feeder or bug hotels
 Joint class mural on shed

The Skills and Knowledge children will develop in this topic:

Geography: identify the position and significance of latitude, longitude, Equator, Northern Hemisphere, Southern Hemisphere, Arctic and Antarctic Circle, time zones, use maps, atlases, globes and computer mapping to locate countries and describe features studied, human geography, including: types of settlement and land use, physical geography, including: climate zones

History: the achievements of the earliest civilisations – Ancient Sumer

Science: identify and describe the functions of different parts of flowering plants, explore the requirements of plants for life and growth, how water is transported within plants, the life cycle of flowering plants, identify that animals, need the right types and amount of nutrition, recognise that living things can be grouped in a variety of ways, explore and use classification keys to help group, identify and name a variety of living things in their local and wider environment, recognise that environments can change and that this can sometimes pose dangers to living things,

Art : improve their mastery of art and design techniques, including drawing, painting and sculpture with a range of materials

Design Technology : use design criteria to design appealing products that are fit for purpose, generate, develop, model and communicate their ideas through discussion, annotated sketches, select from and use a wider range of materials and components, including construction materials

Computing: use technology safely, respectfully and responsibly; recognise acceptable/unacceptable behaviour; identify a range of ways to report concerns about content and contact. select, use and combine a variety of software on a range of digital devices to design and create a range of programs, systems and content that accomplish given goals, including collecting, analysing, evaluating and presenting data and information

R.E: Do we need all our senses to help us make sense of the world around us? Using your senses, what do you like about [artefact/place of worship/ act of worship]? Or don't like? Why? What do these tell you about religion/belief? How do you know? What is a Jew? Why do they have Shabbat? Where does it happen? What does it mean? (promise) How do Jews talk to God? When do they talk to God? Do all Jews celebrate Shabbat in the same way?

Vocabulary:

English

Narrative, Atmosphere, Entice, Genre, Discussion, Balanced Argument, Causal Conjunctions, Inverted Commas, Reporting Clause, Dialogue, Sub Headings, Paragraphs, Limericks, Haiku, Cinquain, Tanka, Sonnet, Riddle, Acrostic, Quotes

Plus vocabulary from SPaG lessons: preposition, conjunction word family, prefix clause, subordinate clause direct speech consonant, consonant letter vowel, vowel letter inverted commas, determiner pronoun, possessive pronoun adverbial

Plus Vocabulary from the Class Readers: Five Children and It, Podkin One Ear, The Tunnel, Cloud Busting, The Firemaker's Daughter, Madge the Mermaid

Maths

Factor, Place Holder, Product, Regular, Area, Convert, Decimal Fraction, Unit and Non-Unit, Improper fraction, Numerator, Denominator, Isosceles, Plot, Parallelogram, Proper Fraction, Rectilinear, Scalene, ml, l, mm, cm, m, km, g, kg, Inverse, Remainders, Effective Calculations, Fluency, Reasoning, Problem Solving, Arrays, Grid Method, Column Method, Expanded Column Method, Decimal place, Tenths, Hundredths,

Science

Nutrients, water transportation, pollination, seed formation, seed dispersal, skeletons, muscles, classification, ecologically planned parks, producers, predators, prey, digestive system, oesophagus, small and large intestine, herbivores, carnivore, omnivore, scientific enquiry, conclusion, climate change endangered animals

Humanities

Significant, Source (primary/Secondary), Evidence, Impact, Reliable, Chronological order, Ancient Sumer, earliest civilisations, contrasts, trends, Mesopotamia, Ziggurat, free classes, BC, Sumerians

Location, Key, Human feature, Physical feature, Coordinates, Topographical feature, Equator, Hemispheres, Arctic and Antarctic circle, Cause and Effect, Deforestation, Endangered animals

Art and DT

Device, Devise, Construct, Evaluate and Analyse, Proficient, Historical development, Cultural development, Skills, Process, Technique, Innovative, Functional, Prototype, Cross-sectional, Components, Criteria, Mechanical system,

Additional Topic Vocabulary

Environment, Conservation, Clear Cutting, Deforestation, Carbon Footprint, Climate change, Developing Country, Domestic Waste, Eco-community, Endangered, Energy-Efficient, Emit, Extinct, Global Warming, Reforestation,

Computing

Algorithms, Execute, Debug, Input, Output, Coding, Software,

R.E

Jewish, Jews, Shabbat, Rabbi, Mezuzah, Bimah, Synagogue, Religion, belief, nature, theology, philosophy,

Home Learning Ideas

David Attenborough <https://www.ourplanet.com/en/video/how-to-save-our-planet/>

Create a video about how to save the planet

Write a letter to David Attenborough

Create a poster of how we can help save the planet in school and in our community

Litter Walk/ Beach Clean

Reduce your waste at home and in school and keep a record of this

Design and create a dish at home which uses up leftover food so it is used and not thrown away

In the supermarket find out which products have travelled the least to get to our plates, which have travelled the furthest, which packets are recyclable, etc.

By the end of the topic the children will:

Have a better understanding of our planet in terms of location of time zones and countries, what is happening to our planet in different areas of the world and how we can look after it.

Understand more about the life cycle of plants and animals and be able to classify living things.