



Population and the Planet

Year 6 | Autumn 2

CURRICULUM SPOTLIGHT: SCIENCE | GEOGRAPHY

ENQUIRY

Has Australia's luck run out?

OUTCOMES

- Case study: Australia

VOCABULARY

Science: advantageous, birth, characteristic, consumption, dead, decay, energy, environment, evolution, extinction, food chain, fossil, Galapagos islands, genetic, geology, habitat, hypothesis, inheritance, irreversible, life cycle, microhabitat, mutation, natural selection, nutrients, organism, Pangea, population, reproduction, source, species, theory, trait, variation

Geography: population, population growth, population density, population distribution, demographic, birth rate, death rate, industrialisation, multiculturalism, economy, employment, natural disaster, man-made.

KEY TEXTS

- Bloom by Nicola Skinner & Flavia Sorrentino
- The Story of Life: Evolution by Ruth Symons and Katie Scott
- Amazing Evolution: The Journey of Life by Anna Claybourne and Wesley Robins

BACKGROUND KNOWLEDGE

- <https://education.nationalgeographic.org/resource/theory-evolution>
- Roberts (2018) Evolution: The Human Story
- <https://www.youtube.com/watch?v=GhHOjC4oxh8>

RESOURCES

Toilet roll (for timeline) and Tree of Life resource (Wellcome Trust)

CORE CURRICULUM LEARNING OUTCOMES

English	Mathematics	Physical Education	Art
<p>Spelling: Phonemes: ue, air, er, or, f, j</p> <p>Further devices for cohesion:</p> <ul style="list-style-type: none"> grammatical connections adverbials passive/active voice experimenting with dialogue punctuation 	<ul style="list-style-type: none"> Long multiplication Long division Using compensation to calculate 	<p>Creative</p> <ul style="list-style-type: none"> Static balance – seated Static balance – floor balance Gymnastics Football 	<p>Drawing</p> <ul style="list-style-type: none"> Draw for a sustained period of time over a number of sessions Use tone in drawings to achieve depth Sketch to make records Begin to control marks made with different media <p>Painting and colour</p> <ul style="list-style-type: none"> Work in a sustained and independent way, developing own style Purposefully controlling the types of marks, brushstrokes used to create desired effect Use colours and brushstrokes to create atmosphere and light effects
PSHCE	Spanish	Computing	Geography
<ul style="list-style-type: none"> Relationships & Sex Education Anti-Bullying 	<ul style="list-style-type: none"> Regular verbs 	<p>Digital Literacy</p> <ul style="list-style-type: none"> Use computers for a range of differed uses, understanding ways to maximize efficiency. <p>Pupils can alter security settings on a range of devices</p>	<p>Explosive Nature</p> <ul style="list-style-type: none"> Understand the processes that give rise to key physical geographical features of the world and how they are interdependent. Describe and understand key aspects of: physical geography, including: volcanoes and earthquakes.
PRE	Science		
<p>Christianity: Love, Salvation and Eternity</p>	<p>Evolution and Inheritance</p> <ul style="list-style-type: none"> - Recognise that living things have changed over time and that fossils provide information about living things that inhabited the Earth millions of years ago. - Recognise that living things produce offspring of the same kind, but normally offspring vary and are not identical to their parents. - Identify how animals and plants are adapted to suit their environment in different ways and that adaptation may lead to evolution. 		

