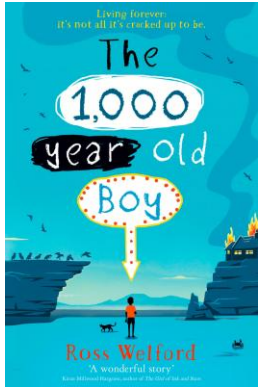
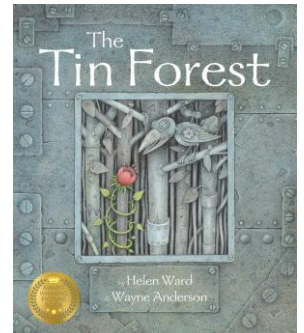
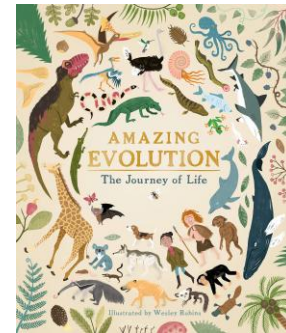


Key text: The 1,000-Year-Old Boy

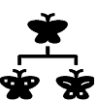


The 1,000-Year-Old Boy by Ross Welford is about Alfie Monk, who appears to be an 11-year-old boy but is actually 1,000 years old, having been frozen in time by magical "life-pearls" his father left behind. When a fire destroys his home and he loses his mother, the previously unwanted immortality becomes a terrible burden, and Alfie sets out on an adventure to find the final life-pearl and reverse the magic so he can finally die and grow old naturally. He finds unexpected friendship and acceptance with two new friends, Aidan and Roxy, as he navigates the modern world.

Supporting texts:



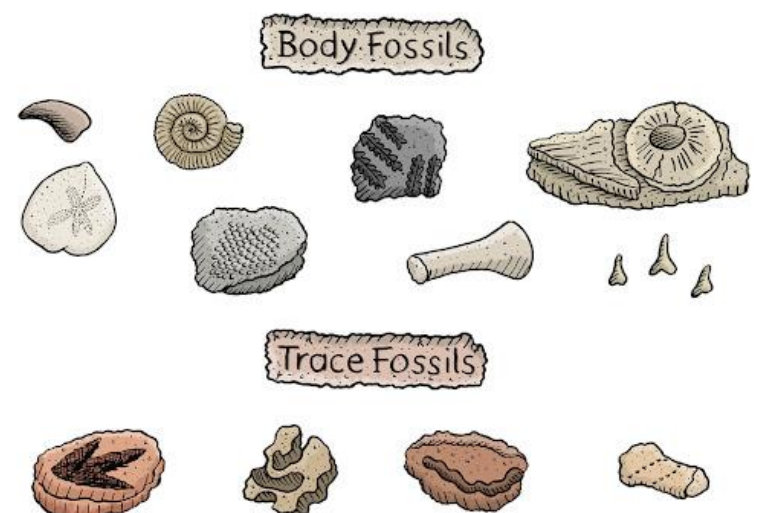
Science: Evolution and Inheritance

Word	Definition	Picture
Adaptation	The process of adjusting or conforming to new conditions	
Characteristic	A feature or quality belonging typically to a person, place, or thing which identifies them	
Inheritance	Genetic information (biological trait) that is passed onto offspring	
Natural Selection	The process where organisms adapt to their environment to survive	
Species	A group of living things that have similar genes and that can reproduce	
Variation	The difference in characteristics between individuals of the same species is called variation	

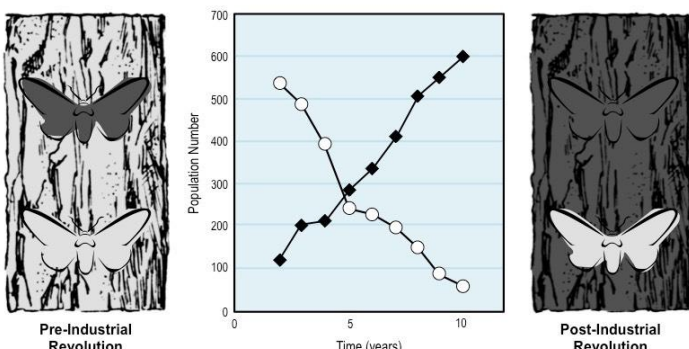
Inherited vs Acquired:

Inherited	Acquired
Eye colour	Reading
Hair colour	Playing an instrument
Skin colour	Cooking
Genetic illnesses	Speaking another language
Hair texture	Drawing skills
Height	Illnesses

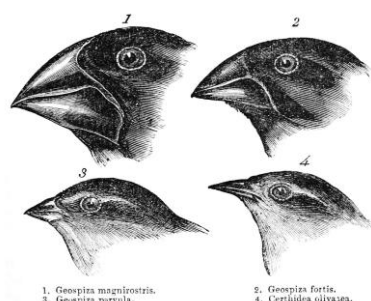
Types of fossils:



Examples of adaptation and natural selection:



Peppered moths and how their populations have changed because of the Industrial Revolution.



Charles Darwin observed how finches had different beaks on different islands around the Galapagos.

Maths: Fractions

Multiplying fractions by integers (whole number):

Numerator x integer

e.g.

$\frac{1}{5} \times 3 \longrightarrow 1 \times 3 = 3 \longrightarrow \frac{1}{5} \times 3 = \frac{3}{5}$

$\frac{3}{4} \times 5 \longrightarrow 3 \times 5 = 15 \longrightarrow \frac{3}{4} \times 5 = \frac{15}{4} = 3\frac{3}{4}$

Dividing fractions by integers (whole number):

If the integer is a factor of the numerator, then:

Numerator ÷ integer

e.g.

$\frac{3}{5} \div 3 \longrightarrow 3 \div 3 = 1 \longrightarrow \frac{3}{5} \div 3 = \frac{1}{5}$

If the integer is not a factor of the numerator, then:

Denominator x integer

e.g.

$\frac{1}{5} \div 3 \longrightarrow 5 \times 3 = 15 \longrightarrow \frac{1}{5} \div 3 = \frac{1}{15}$

Multiplying fractions together:

Numerator x numerator

Denominator x denominator

e.g.

$\frac{1}{5} \times \frac{2}{3} \longrightarrow \begin{matrix} 1 \times 2 = 2 \\ 5 \times 3 = 15 \end{matrix} \longrightarrow \frac{1}{5} \times \frac{2}{3} = \frac{2}{15}$

$\frac{3}{4} \times \frac{4}{7} \longrightarrow \begin{matrix} 3 \times 4 = 12 \\ 4 \times 7 = 28 \end{matrix} \longrightarrow \frac{3}{4} \times \frac{4}{7} = \frac{12}{28} = \frac{3}{7}$

Geography: Climate Change

What is climate?

The weather conditions prevailing in an area in general or over a long period.



What is climate change?

Climate change is the long-term shifts in Earth's average temperatures and weather patterns.



Human causes	Natural causes
- Burning fossil fuels - Deforestation - Agriculture - Landfill	- Volcanic eruptions - The Sunspot Theory - Asteroid collisions

Climate change and biomes:



Dried cracked mud seen at the Valdeinfierno in Zarcilla de Ramos, Spain



Climate change is having a profound effect in Greenland with glaciers and the Greenland ice cap retreating

What can be done to help reduce the carbon footprint?



- Eat less meat/ eat food produced locally



- Fly less



- Reduce car journeys



- Protect green spaces



- Use less energy

Key question: Do Christmas celebrations and traditions help Christians understand who Jesus was and why he was born?

Significance for Christians	
Celebration of the Incarnation 	Christmas is a celebration of the 'incarnation', the moment God was made in flesh in the form of the baby Jesus
Remembrance of Jesus' Birth 	Christians remember the biblical story of Jesus' birth in Bethlehem, as described in the Gospels
Hope and Salvation 	The birth of Jesus is seen as God sending His son into the world to bring salvation, forgive sins, and offer eternal life

How traditions aid understanding:



The Nativity Story:

This central Christmas tradition recounts Jesus's birth, including the appearances of angels and the visitation of the shepherds and wise men, illustrating the foundational Christian belief in the Incarnation.



The Gift of Jesus:

The act of gift-giving, a widespread Christmas tradition, is often connected to the spiritual idea of Jesus being the greatest gift from God to humanity.



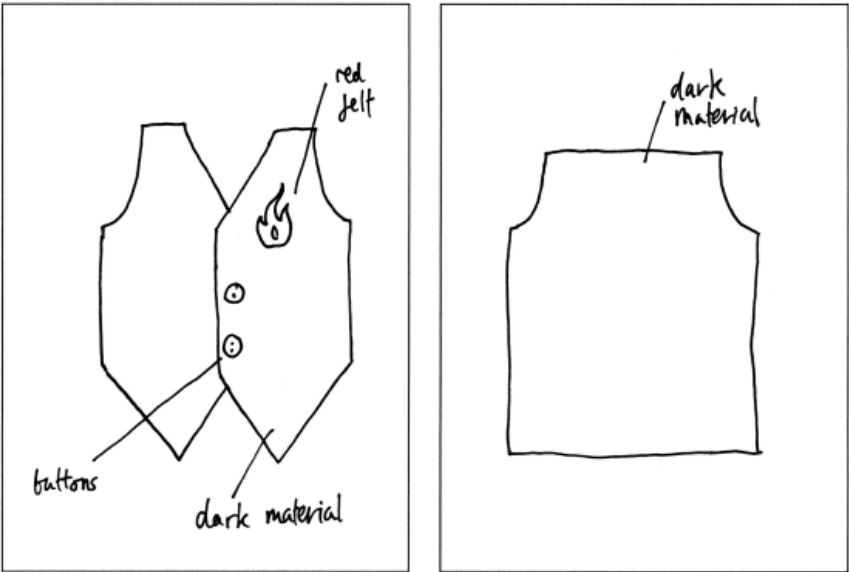
Christmas Carols:

Traditional Christmas carols often narrate the story of Jesus's birth and his life, serving as a way for Christians to remember his story and teachings, as well as reflect on his significance.

Waistcoats:



Designing a waistcoat:



Types of stitches:

