

Identity —Year 6 —Summer 2

Interesting Books



Inheritance – Where do we come from?

Each human being has characteristics that makes them who they are. These characteristics include physical appearance, personality, beliefs and opinions, likes and dislikes and hobbies. The different characteristics that a person has make up their identity. All people are unique.

Some characteristics that make up a person's identity, such as their eye colour, are inherited from their parents: these characteristics are passed on by genes. Genes are made up of a chemical called DNA which carries information that controls how living things look and develop. Genes are inherited from both parents, half from the mother and half from the father.

Inherited characteristics include eye colour, hair colour, skin colour, freckles, dimples, earlobe attachment, tongue rolling and height. By inheriting characteristics from their parents, children usually look a little like their mother and father but are never identical to each parent. Conditions such as colour blindness or diabetes can also be inherited.



No two people are the same



earlobe attachment

Fingerprints

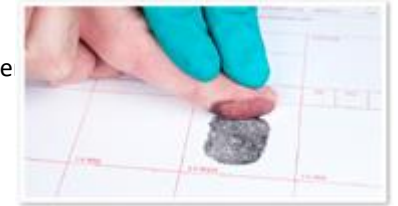
Fingerprints are the marks made by the lines, known as friction ridges, on the underside tip of a finger or thumb. Fingerprints are unique to every person, even identical twins.



There are three main fingerprint patterns: the loop, arch and whorl. Fingerprints are left on every surface a person touches. The police collect fingerprints to identify criminals. Officers dust powder onto objects to reveal any fingerprints and compare them to the fingerprints of the suspects.

Nature vs Nurture Debate

The nature vs nurture debate revolves around whether a person's behaviour is inherited through their genes (nature) or developed through their life experiences (nurture)

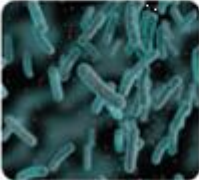


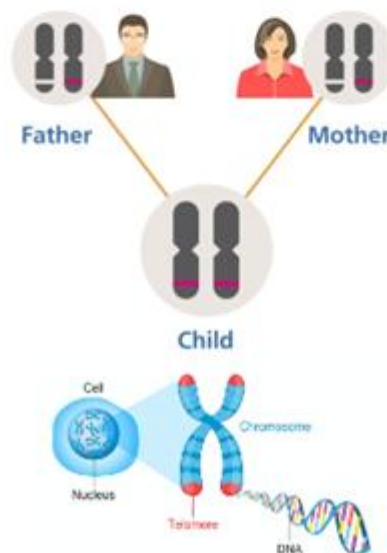
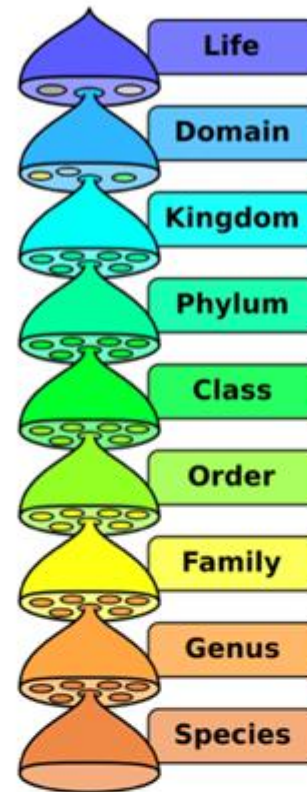
Subject Specific Vocabulary

biometrics	The use of information about someone's body such as fingerprints, iris patterns or DNA profile to prove who they are.
Characteristic	A quality or feature of a person that makes them identifiable.
DNA	Deoxyribonucleic acid. The chemical at the centre of the cells of living things that carry genetic information.
friction ridges	Lines on the underside of the tip of a finger or thumb. These are what make our fingerprints.
Inherit	To be born with a characteristic that has been passed on from a parent.
classify	To sort things into different groups.
Taxonomist	A scientist who classifies different living things into categories.
key	A key is a series of questions about the characteristics of living things. It is used to identify a living thing or decide which group it belongs to by answering 'yes' or 'no' questions.

Classification

Classification is the grouping of living things based on their characteristics. The first classification system was developed by Carl Linnaeus and divided all living things into two kingdoms: animals & plants. Today scientists classify living things into five kingdoms.

animal kingdom		• multicellular • cannot make food • can move • live on land or in water • reproduce sexually
plant kingdom		• multicellular • make food using sunlight • cannot move • live on land or in water • reproduce sexually or asexually
fungus kingdom		• unicellular or multicellular • cannot make food • cannot move • live on land or in water • reproduce sexually or asexually
protista kingdom		• unicellular or multicellular • some make food, others can not • most can move • live in water • reproduce sexually and asexually
monera kingdom		• unicellular • make food • most can move • live on land or in water • reproduce asexually



English

Key texts:

- Alma (video)

Reading:

- Boy in the Tower

Writing genres:

- Narrative
- Character descriptions

SPaG: direct speech and dialogue



Maths

Problem Solving

Taskmaster activities

Geography

Understanding the different types of biomes in the world and how they differ to each other.

History

History of Workhouses, industries and Victorian lifestyle.

French

Moi dans le monde (Me in the world)

PE

Athletics– running, jumping & throwing.

Music

Learning songs for the Leavers. Performance: