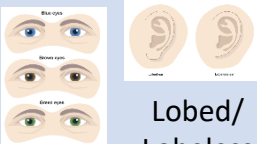
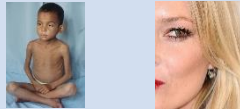


Biology: Life Diversity

Key word	Definition
DNA	Chemical that contains all the information needed to make an organism
Gene	Section of DNA that contains the information for a characteristic
Characteristics	A feature of an organism
Variation	Differences in characteristics within a species
Continuous variation	Characteristic that can take any value within a given range
Discontinuous variation	Characteristic that can only be a certain value
Classification	Putting organisms into groups based on similarities and differences
Vertebrates	Animals that have a backbone
Evolution	Development of a species over time
Fossil	The remains of plants and animals that have turned to stone



Fossils show evidence for evolution.

Genetic	Environmental
Inherited from your parents	Caused by your surroundings
 <p>Eye colour</p> <p>Lobed/ Lobeless ear</p>	 <p>Weight</p> <p>Pierced ears</p>

Biodiversity is all the living things in an ecosystem.

It needs to be preserved. We can help by;

- Reducing habitat loss
- Creating seedbanks
- Protecting endangered species
- Reducing climate change

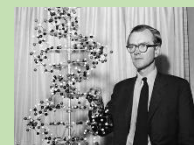
Discovering the structure of DNA



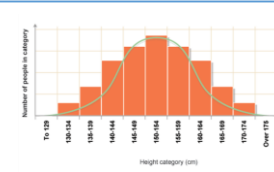
Watson and Crick – used the experimental data to work out the structure of DNA



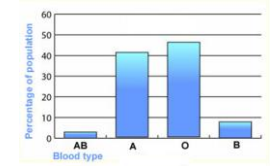
Franklin – designed the experiments that discovered the shape of the molecule. Her work was not credited



Wilkins – involved in discovering the shape of the molecule



Continuous: histogram.
e.g: height, weight



Discontinuous: bar chart
e.g: eye colour, blood group

