

Key Vocabulary	
Inheritance	The process of characteristics being passed from parents to offspring.
Adaptation	Characteristics that help a living thing to survive.
Variation	A change of slight difference.
Characteristics	A feature or quality belonging typically to a person, place, or thing that identifies them.
Environment	The surroundings or conditions in which a person, animal, or plant lives.
Offspring	An animal's young.
Selective breeding	Choosing parents with particular characteristics to breed together and produce offspring with more desirable characteristics.
Natural selection	The process through which populations of living organisms adapt and change.
Evolution	The change in the characteristics of a species over several generations. It relies on the process of natural selection
Extinction	The death of the last individual of a species.

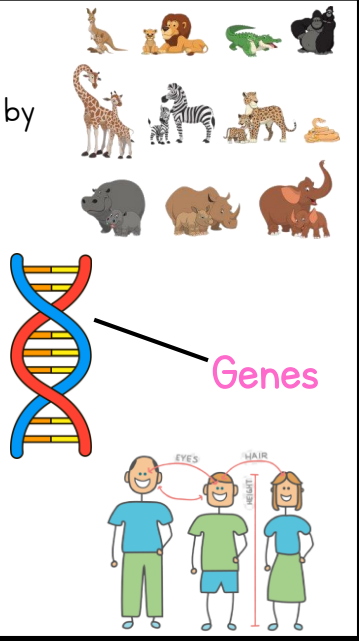


Everything Changes

What I need to know:

Inheritance

- Breeding is the process of sexual reproduction by which living things produce offspring.
- Most characteristics of living things are inherited.
- Inherited characteristics are passed on from parents to offspring by genes.
- Genes contain information that determines the characteristics of living things.



Adaptation

- In the shade, plants have less light and some have bigger leaves to collect enough light to survive.
- Changes in environment can cause an animal/plant to die.
- Individual organisms that are best adapted to their environment are most likely to survive and so pass their characteristics to their offspring.
- Living things have changed over time and fossils provide information about living things from millions of years ago. ❌ ❌ ❌ ✅
- Natural selection takes place over many, many generations.

