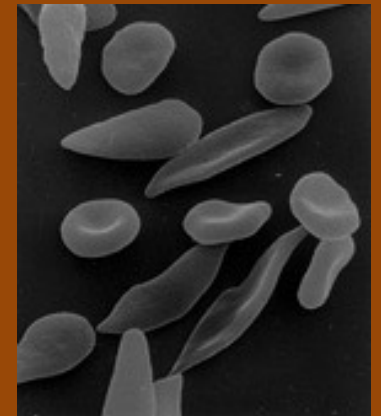


Natural Selection

- Natural Selection
- Biodiversity
- Adaptation – Physical and Behavioral
- Human Influence



Preview File

Please enjoy this preview of your Student Version of the presentation. Please note within this sample file:

- Some slides appear blank because they have been removed
- Student versions have portions of the text removed which is given in the teacher version and appear as _____ which the students are to fill in
- Other slides may have on them, this represents writing that has been removed on this sample

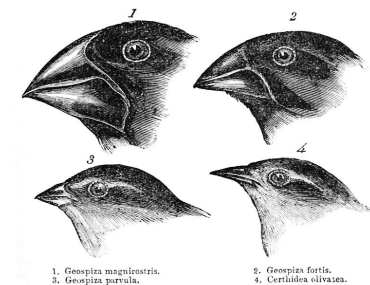
**The paid full version of your resource includes
both Google Slides and PowerPoint and is
Google Classroom Ready**



What is Evolution?

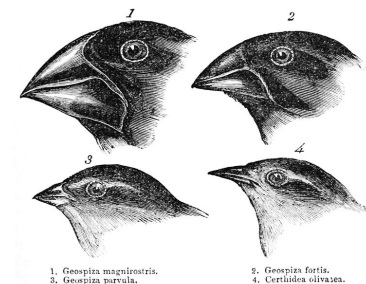
- Evolution is the proven theory that populations and species change over time

- _____



What is Evolution?

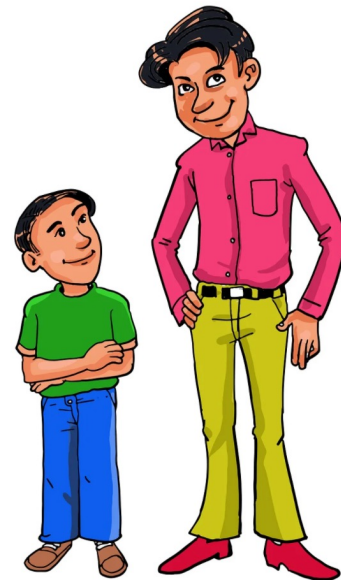
- Individuals that have negative changes are less likely to survive
- Can be physical features like beak size or behavioral like how they hide from predators



Natural Selection

- Living things are made up of DNA

- _____



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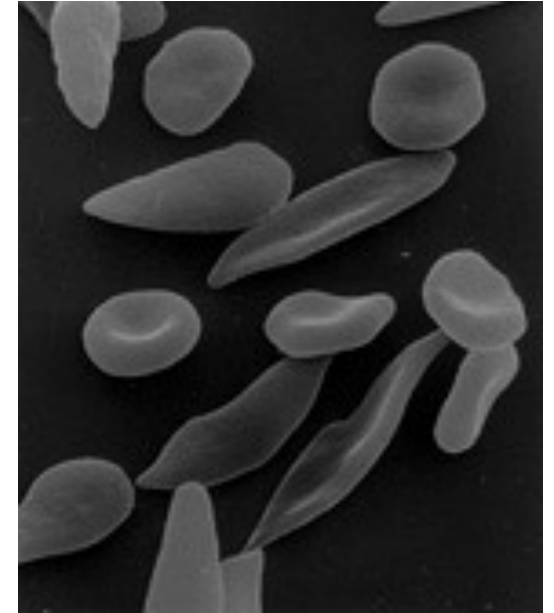
Natural Selection

- ---
- These mutations are usually neutral (do not do anything) or cause the organism to not survive
- Very rarely they are good and give them a higher ability to survive

Example: Natural Selection

- The disease malaria is among the leading causes of death around the world and is found in tropical areas

- _____

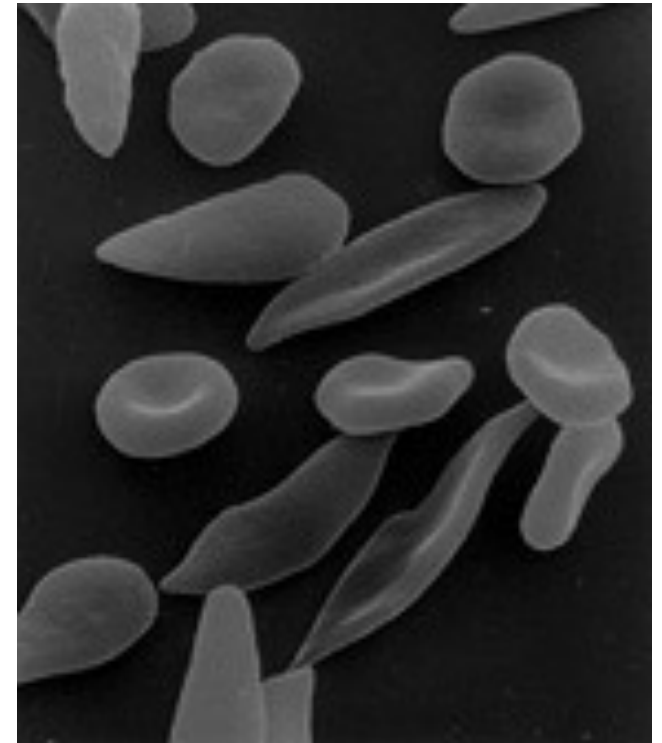


Sickle red blood cells

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Example: Natural Selection

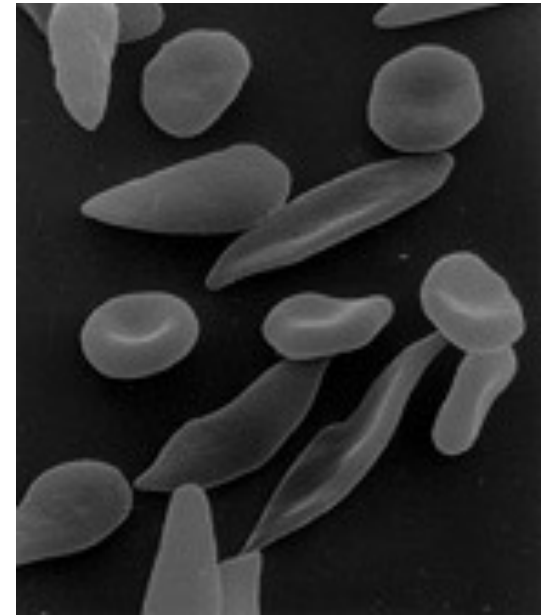
- People who have the genetic disease sickle cell anemia, have blood cells that are sickle-shaped
- People with sickle cell anemia have a better chance of surviving in an area with malaria even though sickle cell anemia can cause severe health issues.



Sickle red blood cells

Example: Natural Selection

- People who have genes that allow them to make sickle and regular-shaped blood cells are able to survive better than those who have either 100% sickle cells or 0% sickle cells

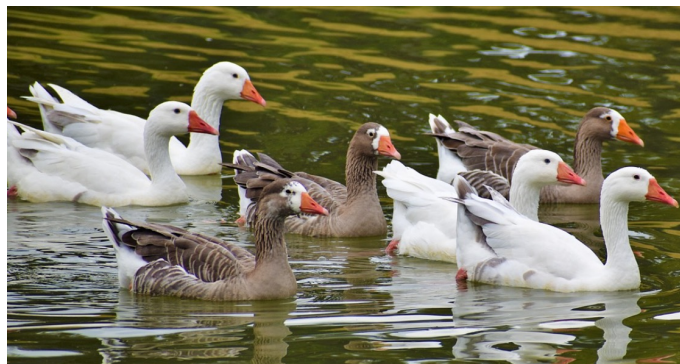


Sickle red blood cells

- _____

Natural Selection

- _____
- Diversity is needed for populations to survive
- Low variation means less ability to adapt to environmental changes



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Adaptation

- Learned or done by instinct
- Examples - digging holes in the ground, working with other species (symbioses)



Clown fish exhibit symbiosis by working with anemone as they each help each other survive.

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Artificial Selection

- Humans can also provide the pressure for species to evolve
- _____



- This can be because we think the trait is cute or useful to us



Artificial selection has lead to an increase in milk and meat production in cows.