

Things to consider when writing your conclusion:

- each of the islands had different food sources
- each of the woolyboogers had a different **adaptation** for their mouth (spoon, tweezer, clothespin, needle)
- depending on the island (environment) some of the woolyboogers had a better **adaptation** that worked better with the food source on the island.
- Within populations of species, there are **inherited variations**.
- inherited variations determine the **adaptations**
- the surviving woolyboogers will reproduce and give their traits (adaptations) to the **next generation**
- **natural selection** is when nature 'selects' the organisms that will survive based on which organisms has the best adaptation(s) to meet the environment in which it lives.
- over time, the populations of the woolyboogers on each of the different islands will evolve because of the conditions on each of the islands.
- **speciation** occurs when the woolyboogers on the islands become so different that they no longer reproduce together and make offspring. When this happens they are now considered two different species and **evolution** has occurred.

