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**Evolution Stations**

**Station 1: Species**

1. What is a species?
2. What are two problems with this definition of species?

**Station 2: Reproductive Isolation**

1. What is reproductive isolation?
2. What is gene flow?

**Station 3: Behavioral Isolation**

1. What is behavioral isolation?
2. What is an example of this?

**Station 4: Geographic Isolation**

1. What is geographic isolation?
2. What is an example of this?

**Station 5: Temporal Isolation**

1. What is temporal isolation?
2. What is an example of this?

**Station 6: Mechanical Isolation**

1. How does mechanical isolation prevent species from reproducing?
2. What is an example of this?

**Station 7: Natural Selection**

1. What is a selective pressure?
2. What 3 things are necessary for natural selection occur?

**Station 8: Sexual Selection**

1. When we say “survival of the fittest” what do we mean by the word “fit”?
2. In most species, sexual selection relies on two things; what are they?

**Station 9: Lamarck**

1. What were Lamarck’s ideas about evolution?
2. Were Lamarck’s ideas correct or incorrect? How do you know?

**Station 10: Darwin**

1. How did the Galapagos Finches help Darwin develop his theory of evolution?
2. How was Darwin’s theory different from Lamarck’s?

**Station 11: Wallace**

1. Why didn’t Wallace immediately publish his ideas on evolution?
2. What were the similarities between Darwin and Wallace’s ideas? Differences?

**Station 12: Selective Breeding**

1. What is selective breeding?
2. Does selective breeding cause evolution to occur faster or slower than natural selection? Explain your answer.