

**Why did so many finches die on the island of Daphne Major?
(In class group project)**

Task:

Each team will research their assigned focus question using the resources provided on my webpage, nms8thgradescience.weebly.com (then Unit 1, Natural Selection). The team will then prepare one or more visuals on large chart paper to aid in their focus question presentation. The goal is that students will be able to accurately complete their CER table and use it to construct an explanation for the question: *“What would most likely happen to the finch population if the large seed plants become extinct?”*

Team 1A and 1B

Focus Question- “How did environmental conditions impact finch populations?”

Research background information on both the finch populations and the island rainfall data

Analyze the graphs and discuss patterns in the data. This is where you will find your evidence.

Summarize your findings in CER format to answer the question, “How did environmental conditions impact finch populations?”

Team 2A and 2B:

Focus Question- “How did environmental conditions impact finch resources?”

Research information about the plants (cactus, chamaesyce, portulaca, and tribulus) on the island, Daphne Major.

Analyze the graphs and discuss patterns in the data. This is where you will find your evidence.

Summarize your findings in CER format to answer the question, “How did environmental conditions impact finch resources?”

Team 3A and 3B:

Focus Question- “How were the finches that lived different than the finches that died?”

Research information about the beak length of the finches that died and those that survived. Be sure to click on the data points to go to each finch’s profile page. Examine the data and report on any trends that you find (for example, finch’s weight).

You must also go to, “A Story of Beaks” and complete the activity. The link is on my webpage by the question 3 link. YOU MUST USE INTERNET EXPLORER. It does not work with Chrome.

https://www.classzone.com/books/ml_science_share/vis_sim/lotm05_pg7_finch/lotm05_pg7_finch.swf

Analyze the graphs and discuss patterns in the data. This is where you will find your evidence.

Summarize your findings in CER format to answer the question, “How were the finches that lived different than the finches that died?”

Team 4A and 4B:

Focus Question- "How/why were the finches that lived able to survive?"

Research information about the beak depth of the finches. Be sure to watch the video and report on what type of food the different species of finches ate.

Also, reference the article you read entitled, "Darwin's Finches" with questions.

Analyze the graphs and discuss patterns in the data. This is where you will find your evidence.

Summarize your findings in CER format to answer the question, "How/why were the finches that lived able to survive?"