

Lab - Modelling Natural Selection

Purpose - to model the effect beak shape has on the ability to obtain food from different sources.

Hypothesis - you should try to make more than one hypothesis containing the "if . . . then" idea.

Ex. - If a beak shape affects a bird's ability to obtain food, then each type of beak will obtain different quantities of food depending of that foods shape.

Materials -

4 "beaks" - clothes pin, scissors, plastic spoons, and binder clip.

4 food sources - paper clip, rubber band, toothpicks, and pasta.

4 plastic cups

Procedure - each group will design their own procedure to test their hypotheses

Data and Observations - your group should have a table to neatly record your findings (data).

Analysis - your data should be graphed for easy comparison.

Conclusion - summarize your findings, explaining these results, identifying errors, and making suggestions for improvement.