

M&M and Candy Corn Natural Selection Lab

Teacher Instructions

- Set up 25-40 of each color M&M on a clean surface
- Add candy corns and mix with the M&Ms
- Have students come up one at a time to pick 5 M&Ms
- Students picking need to grab the first 5 they see and grab very quickly and return to their seat
- Students should wait in their seat until everyone has their M&Ms
- After getting the class totals, students may eat their M&Ms

M&M Natural Selection Lab

- Create a data table to show the color of M&Ms and # picked by the class
- Graph the results using an appropriate type of graph
 - Label the x-axis and y-axis and add an appropriate title
- Answer the discussion questions

Discussion Questions

1. What did the M&Ms represent? What did you represent? What did the candy corns represent?
2. Which color(s) of M&Ms survived the best? Which color(s) survived the least? **Explain**
3. Pretend that the remaining M&Ms have survived and reproduced. If we did another round of feeding, what would the new population of M&Ms look like or how would it have changed?
4. What would happen to the results if the candy corns were changed to red hots?
5. Write a statement about how this lab relates to natural selection and evolution.