

Activity 1.5

M&M's in different temperatures

Does the temperature of the water affect how fast the colored coating dissolves from an M&M?

1. Talk with your group about how you might design an experiment to investigate the question above. Describe your basic plan below.

2. One variable that you should change in each plate is the temperature of the water. All other variables should be kept the same, or controlled. Make a list of variables that you will control in your experiment.

3. After conducting your experiment, describe your observations with basic illustrations and captions, and answer the question: Does the temperature of the water affect how fast the colored coating dissolves from an M&M?