**Dice in a Bag**

1. There are 10 dice in a bag. Some of them are green, and some are red. Your goal is to figure out how many of each color are in the bag.

2. A student draws one die from the bag, reports its color to the class, and then returns the die to the bag. This process is repeated by other students until the contents of the bag have been sampled 10 times.

3. All students record the color of the dice as they are samples and use this data to predict the contents of the bag.

4. Discuss the students’ predictions.

5. This process can be repeated 2 or 3 times before the actual contents of the bag are revealed.