

## Lesson 2 Coin Flip Discussion Questions

STEM Explorer Carnival Tycoon Project

Name: \_\_\_\_\_

Directions: Answer the following questions after completing the Coin Flip activity and examining the results.

1. How do the data for the individual trials compare with the summary statistics for the entire experiment?
2. Why does no single trial show a 50/50 split of heads and tails?
3. What happens to the overall percentage (in the entire experiment) of heads flipped with the addition of each successive trial?
4. Why is there a difference in the summaries for the individual rows and the entire grid?
5. What does this activity tell you about the importance of sample size?