Camouflage & Adaptation: Student Data Sheets

Student Data Sheet 1: Individual Predator Data

Student Name: _____ Group #: _____

Toothpick Color	Number Collected
Color 1	
Color 2	
Color 3	
Color 4	
Color 5	
Total	

Student Data Sheet 1: Group Data Summary

Toothpick Color	Group Total Collected
Color 1	
Color 2	
Color 3	
Color 4	
Color 5	
Total	

Student Data Sheet 2: Percentage Calculations

Toothpick Color	Group Total	Percentage (%)
Color 1		
Color 2		
Color 3		
Color 4		
Color 5		

Student Data Sheet 3: Class Comparison Table

Toothpick Color	Class Total Collected
Color 1	
Color 2	
Color 3	
Color 4	
Color 5	

Evaluation Questions (Written or Discussion)

1. Was there a difference in how many toothpicks each predator found? Why?

2. Which color was best camouflaged in this environment? Explain using data.

3. Which color was easiest to find? Why?

4. If toothpicks represented living organisms, how would the population of each color change over many generations?

5. How might results change in a different environment (parking lot, beach, carpet)?