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**Tootsie Pop Inquiry Lab**

**Topic:** Scientific Method

**Question:** How many licks does it take to get to the center of a Tootsie Pop?

**Research:** Make a list of all the things you KNOW about Tootsie Roll Pops, licking suckers, tongues, saliva,candy in general, etc.

**Hypothesis:** I think it will take \_\_\_\_\_\_\_ licks to get to the center of a Tootsie Roll Pop.Why?

**Materials:** (Be sure to include EVERYTHING!)

**Procedure:** (Make sure the steps are in order and don’t leave ANYTHING out!)

**Experiment/Observations:** (Make sure you write down only what you can SEE or MEASURE!)

**Analysis/Conclusions:** It takes \_\_\_\_\_\_\_\_ licks to get to the center of a Tootsie Roll Pop.Calculate your group average. Show all calculations. Group average = \_\_\_\_\_\_\_\_\_

How close was your result to your group average? Show your calculations. \_\_\_\_\_\_\_\_\_

Why might different people get different results?

What did you learn about the scientific method from this experiment?

What other experiments could you conduct using Tootsie Pops?

Draw a graph representing your groups results versus the class results. Be sure to label it.