

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

Due Date: \_\_\_\_\_

## EXTRA CREDIT SCIENCE EXPERIMENT OF THE MONTH

IN THIS EXPERIMENT STUDENTS WILL LEARN THESE  
PRINCIPLES:

- THE WEIGHT OF AN OBJECT AFFECTS THE ATTRACTION OF STATIC ELECTRICITY
- AN OBJECT CAN HAVE A PLUS AND MINUS ELECTRICAL CHARGE
- OPPOSITE ELECTRICAL CHARGES ARE ATTRACTED TO EACH OTHER

**Research Question** (What do you want to find out?): What happens to cereal under a plate when you rub the plate very fast with a cloth?

**Hypothesis** (What do you think?): I think the cereal will \_\_\_\_\_

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**Materials:** whole-grain "O's" cereal, Rice Crispies cereal, clear plastic plate, small soft cloth square

**Procedure** (Steps you will take to find out.):

1. Place a small handful of "O's" cereal on a table.
2. Cover up the "O's" with the plate placed upside down over the cereal.
3. Hold the plate down and "rub the plate like crazy" with the cloth.
4. Observe the cereal as you rub.
5. Remove the "O's" from the table.
6. Place a small handful of Rice Crispies on the table.
7. Cover up the crispies with the plate placed upside down over the cereal.
8. Hold the plate down and "rub like crazy" with the cloth.
9. Observe the cereal as you rub.

