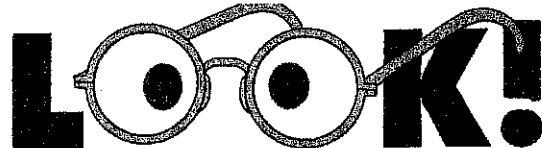


DISCOVERING LIKE A SCIENTIST



What do scientists really do?

DIRECTIONS: With a partner, begin by examining the package your teacher has given to you. **DO NOT OPEN IT UNTIL YOU ARE INSTRUCTED TO DO SO.** Follow the directions given by your teacher.

Do all the packages appear to be the same? _____

Describe the package (color, shape, mass, etc.)

1. **QUESTION :** Does my bag contain the same number of full pieces as everyone else in my class? _____

2. **HYPOTHESIS :** I **BELIEVE** my bag _____ contain the same as everyone else in my class **BECAUSE** _____

3. **EXPERIMENT.:**

- a. open the bag and gently pour the contents onto the paper provided
- b. count only full pieces
- c. record answer in the data table
- d. repeat two more times
- e. compare with the others in my class

4. **DATA.**

	Trial 1	Trial 2	Trial 3	TOTAL	AVERAGE
Number					3

5. **CONCLUSION:** My hypothesis was _____ because our data showed that _____.

6. **COMMUNICATION:** Is my experiment valid/reproducible? _____
My findings should be reported to ? _____

*** Is this a controlled experiment? _____ **WHY?**