

Name: _____

Date: _____

Science Mod ____

Obscertainer Lab

Problem: How successful will you be at identifying the configuration (design) in the inside of a closed container?

Hypothesis: If given a closed container, then I _____ be successful at identifying the design, because _____.

Safety: _____

Manipulated Variable: The manipulated variables are _____.

Controlled Variables:

- _____
- _____
- _____
- _____
- _____

Responding Variable: The responding variable is _____.

Materials: 24 Obscertainers

Procedures:

- 1) Obtain your first Obscertainer and move the steel ball around by carefully shaking and tilting the Obscertainer.
- 2) By the sound and path of the steel ball, determine the shape and location of the partition(s).
- 3) In the data section, identify the Obscertainer, by its number and draw what you believe is on the inside.
- 4) Once you have observed each Obscertainer, Mrs. Pereira will show you what is on the inside of each one.

