

Experimental Design Vocabulary**

Name _____ Block _____

Cut out the definitions and paste them next to the correct term.

1. **Hypothesis**

2. **Constant**

3. **Control**

4. **Independent Variable**

5. **Dependent Variable**

6. **Variable**

Any factor in an experiment that changes.

Any factor in an experiment that changes.

Any factor that is not allowed to change.

Any factor that is not allowed to change.

A statement of a possible relationship between the independent and dependent variables.

A statement of a possible relationship between the independent and dependent variables.

The factor in an experiment that is changed on purpose.

The factor in an experiment that is changed on purpose.

The factor in an experiment that responds to the purposely changed factor.

The factor in an experiment that responds to the purposely changed factor.

A group or sample that is used as a standard for comparison.

A group or sample that is used as a standard for comparison.

Used to reduce the effects of chance errors.

Used to reduce the effects of chance errors.