

Assignment: Identifying Variables

1. An experiment was done to determine if the time it takes to run a kilometer is related to the amount of exercise a person gets.

Independent/Manipulating Variable:

Dependent/Responding Variable:

2. An experiment was done to determine if the rate at which an egg cooked depended on the temperature of water in which it was boiled.

Independent/Manipulating Variable:

Dependent/Responding Variable:

3. An investigation was done to see if keeping the lights on for different amounts of time each day affected the number of eggs chickens laid.

Independent/Manipulating Variable:

Dependent/Responding Variable:

4. An experiment was done to determine if the temperature of water in a lake varied at different depths.

Independent/Manipulating Variable:

Dependent/Responding Variable:

5. An experiment was done to determine if grass will grow taller if it is watered weekly than grass that is not watered.

Independent/Manipulating Variable:

Dependent/Responding Variable

From

http://cms.gavirtualschool.org/Shared/Science/BiologyI/Scientific_Methods/index.html