Vocabulary List 1

1. Scientific method- a series of steps used to solve a problem
2. Observation – the process of obtaining information by using the senses
3. Hypothesis – an explanation that is based on prior scientific research or observations and that can be tested
4. Data – any piece of information acquired through observation or experimentation
5. Engineering design process- the process engineers use to develop new technology
6. Intended benefits – the positive purpose for which technology is designed to be used
7. Unintended consequences – the uses or results that engineers do not purposely include in the design of products
8. Independent variable - the variable you are in control of and change on purpose
9. Dependent variable – the result of what you change; your outcomes.
10. Control group - a group separated from the rest of the experiment where the independent variable being tested cannot influence the results.