

Measurement Vocabulary

1. **Tera** [T] – 1 trillion 1,000,000,000,000
2. **Giga** – [G] 1 billion 1,000,000,000
3. **Mega** – [M] 1 million 1,000,000
4. **micro** – [μ] 1 millionth 0.000001
5. **nano** – [n] 1 billionth 0.000000001
6. **pico** – [p] 1 trillionth 0.000000000001
7. **Linear** – an edge or straight line
8. **Area** – the surface or ‘skin’ of any object
9. **Volume** – how much space a solid, liquid, or gas takes up
10. **Mass** – the amount of matter or ‘stuff’ in any solid, liquid, or gas
11. **Density** – how tightly packed a solid, liquid, or gas is
12. **Independent Variable**- The variable you are changing/manipulating-(the cause)
13. **Dependent Variable**- The variable that changes when an experimenter changes the independent variable-(the effect)
14. **Controlled variables** – the variables you keep the same to keep the test fair
15. **Hypothesis** – a scientist’s best guess as to what will happen in an experiment
16. **Claim** – a statement of truth
17. **Evidence** – bits of data that PROVE your claim
18. **Data** – numbers or observations collected in an experiment
19. **Argument** – your claim + your evidence AKA: conclusion