

skepticism

Scientific thought

hypothesis

theory

cell

Properties of life

SI Units

The Science of Biology

Ch. 1

Why is it important?

Thinking like a scientist helps you to solve problems in your world.

Independent variables vs. dependent variables??? Explain below.

SI Prefixes

Multiple	Prefix	Symbol
10^{15}	peta	P
10^{12}	tera	T
10^9	giga	G
10^6	mega	M
10^3	kilo	k
10^2	hecto	h
10	deka	da
10^{-1}	deci	d
10^{-2}	centi	c
10^{-3}	milli	m
10^{-6}	micro	μ
10^{-9}	nano	n
10^{-12}	pico	p
10^{-15}	femto	f

The Scientific Method

Observation / Question

Topic for research and experimentation or question that needs to be answered

Research

Find out about the topic.

Hypothesis

Predict the outcome to the problem.

Experiment

Develop a procedure to test the hypothesis.

Collect Data

Record the results of the experiment.

Analysis

Examine the data.

Conclusion

Compare the hypothesis to the experiments results.

