

Physical Science
Week 1: text pp.3-17

Day 1

1. Read pp. 3-6
2. Know:
Equation
Significant figures
3. Answer section review 1.1, p5.

Day 2

1. Read pp 7-10 (col. 1)
2. Know these terms:
Scientific notation
Meter
Liter
milli
centi
kilo
3. Do “Application”, p 8.

Day 3

1. Read pp 10 (col. 2) – 13
2. Answer these:
 - a. Which is larger, a yard or a meter? A mile or a kilometer?
 - b. A centimeter or an inch? A quart or a liter?
 - c. A kilogram or a pound? A gram or an ounce?
3. Convert your body weight into kilograms.
4. How many centimeters in a meter? How many millimeters?
5. How many degrees between freezing and boiling of water on a Celsius (centigrade) thermometer?

Day 4

1. Read top of p 14.
2. What is absolute zero?
3. What happens at this temperature?

Day 5

1. Read section 1:3, pp 15-17.
2. Know the difference between hypothesis, theory, and law.
3. Name a known scientific theory.*
4. Name a known scientific law. (Use your index)
5. Answer section review 1.3, p19.

* You will need to use another source besides your textbook for this...internet, dictionary, etc.

Bring answers to class (days 3-5) ready to hand in.