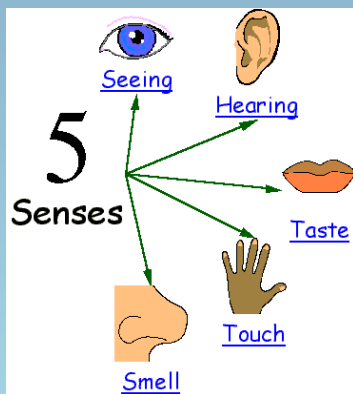


Physical Properties

One of the physical properties of matter is its state.

Another way to describe physical properties is using our senses.



What could we observe from each of the 5 senses?

- i) Sight: color, bright, dull
- ii) Hearing: Bubbling, crackling, snapping
- iii) Taste: sweet, salty, bitter
- iv) Touch: Rough, soft, slimy,
- v) Smell: Sweet, rotten,

Physical Properties

page 16, Table 1

Property	Describing the Property
Colour	Is it black, white, colourless, red, greenish-yellow?
Texture	Is it fine, coarse, smooth, gritty...?
Odour	Is it odourless, spicy, sharp, burnt...?
Lustre	Is it shinny, dull..?
Clarity	Is it clear, cloudy, opaque....?
Taste	Is it sweet, sour, salty, bitter...?

Safety is **IMPORTANT** !!!!

<https://www.youtube.com/watch?v=5g0hNM91iyg>

How many unsafe practices can you identify?





Oxygen is a helpful chemical we all need it to breath and survive

oh!
oxygen



Nitrogen dioxide from a car exhaust, propane gas, is a harmful chemical is we inhale too much it can harm us



Substance Safety to use or not to use?

- Look at the warning symbols that are placed on the container.

Can you think of some examples of products where you have seen warning labels before?



Did you know?????

If a container has the words: **POISON**, **DANGER**, **WARNING** or **CAUTION** on the label and still has product left over it cannot go in the trash.



EXPLOSIVE



Aerosols,
propane
cylinders

POISON



Pesticides,
chemicals,
rat poison,
bleach,
pharmaceuticals
cleaning fluids

CORROSIVE



Batteries,
drain cleaners,
oven cleaners

FLAMMABLE



Paint, solvent,
oil, gasoline,
BBQ starters

WHMIS Symbols



- **Workplace Hazardous Materials Information System (WHMIS)**
 - A method of ensuring everyone has access to appropriate safety information about any substance they may encounter that is manufactured or sold

HHPS - Hazardous Household Product System

Part 2 of video



