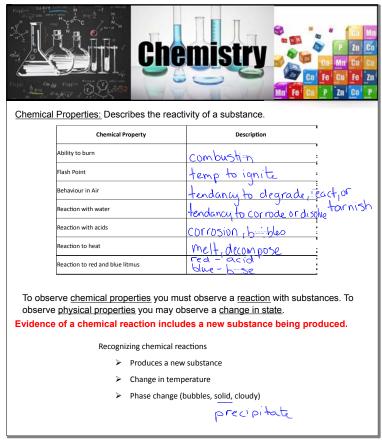


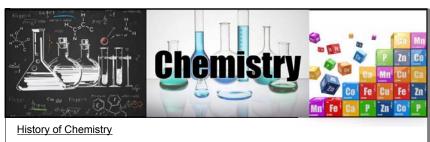
May 10-9:36 AM



May 10-9:43 AM

Lesson 1 Properties of Matter and History.notebook

February 05, 2018



Metallurgy – science of producing and using metals

- Gold, copper, silver, lead, iron before 3000BC
- Copper was used in weapons but broke easily when shaped
- Heat the copper before shaping; annealing
- Smelting heat the substance to separate the metals in a compound
- Alloy mixing metals
 - Bronze = copper and tin
 - Steel = iron and carbon

Aristotle

- Matter composed of combinations of fire, earth, water, and air

Democritus

- Matter made up of tiny particles that cannot be divided
- He called the particles atoms

Alchemy – combination of science and magic

- Scientists tried to change lead into gold
- Made many advances; scientific process, lab equipment, element discovery

May 10-9:51 AM

