8 26/2019	
0   20   20	Chemistry: study of matter
	Chemistry: study of matter - transformations
	-propohes
	read 1.1, 1.2
	Malter
	anything w/ mass + volume
	3 common statu: = SOLID (5)
	# LIQUID IL)
	P 6 AS (g) 0 0
	3 common classes of matter: DElements
	- can't be broken down
	= Compounds into simpler substances
	- can be broken down ex: Americium, Am
	into relements of fixed pahos."  Gold, An  Hudgen H
	· Jone Jest , 11
	ex: wato: 89% H, 11% O
	'salt': 39%. Na, 61%. C1 P Mixtures
	sucrose: 42% C, 6% H, 52%. O - can be broken down, variable ration
	ex: beer, tea, ice-cream, cookies

Mixtures
Mixtures 2 types
Homogeneous Heterogeneous
- same composition - variable composition
throughout throughout
ex: tea ex: choc. chip rookie
Physical + Chemical - changes
properties
Changes 1- Physical - no change in chemical 1D
ex: melhig (in -> wate)
ex: boiling (water > steam)
2. Chemical - is a change in chem. 10.
ex: burning gasoline -> water
Properties - used to 1D substances.
Properties - used to 1D substances
1. Phys.prop: doesn't affect chem. ID.
ex: water boils @ 100°c
2. Chem prop! affects chem ID
ex: sugar reach w/ acid -> carbon + steam

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