

Name: _____
Mr. Willis
Conceptual Physics: _____
Date: _____

Unit X
Geophysics
Need extra help?
Check out <http://www.bayhicoach.com>



Concept Mapping

Definition:

Concept Maps - A concept map is a special form of a web diagram for exploring knowledge and gathering and sharing information.

Concept Mapping - Concept mapping is the strategy employed to develop a concept map.

Procedure: A concept map consists of nodes or cells that contain a concept, item or question and links. The links are labeled and give direction with an arrow symbol. Labeled links explain the relationship between the nodes. The arrow describes the direction of the relationship and reads like a sentence.

Assignment: Make a concept map using ALL of these terms. Your concept map should be colorful, artistic, unique and informative.

Core	Olivine
Inner Core	Diamond
Outer Core	Carbon
Mantle	Rock Cycle
Upper Mantle	Magnetic Field
Lower Mantle	Seismic Waves
Crust	S-Waves
Oceanic Crust	Young Rocks (< 200 million years old)
Continental Crust	Old Rocks (< 3.8 billion years old)
Earth	150 – 300 km deep
Planets	12,700 km in diameter
Meteorites	averages 20 km deep
High Temperature	averages 10 km deep
High Pressure	averages 34 km deep
Convection Current	about 75 km deep
Plate Tectonics	Himalaya Mountains
Volcanoes	A viscous liquid
Earthquakes	a solid that flows
Iron	dynamo effect
Nickel	asthenosphere
Basalt	lithosphere
Granite	