



Topic/Objective CHAPTER:

NAME:
Pd: 1 2 4 5 other
DATE

1061

Essential Question

Branches of (+) Science

Cue: Review:
Thoughts: Main idea

NOTE Taking AREA:

Based on
Video by:
Cadena Pow

(+) ^{Earth} Science is Divided into 5 main groups
including Ancient environments: Paleontology

Geology

Study of (+)'s interior & surface
↳ Rocks, minerals, plate tectonics
↳ Volcanoes, Earthquakes, Planets
↳ Solid part of earth
↳ Materials that make up earth, & its history
↳ geochemistry → EARTH'S COMPOSITION

Astronomy

Study of Universe, stars, planets, moon
↳ Beyond (+)
↳ Cosmic bodies
↳ objects beyond

Meteorology

Study of (+)'s atmosphere and weather
↳ e.g. clouds, rains, storms, climate
↳ Climatology → weather over a long pd of time.
↳ Forces & Processes that produce weather

Oceanography

Study of (+)'s oceans
↳ e.g. chemical of water, ocean floor, waves, life in sea, shape of Physical properties of Oceans, inhabit Salty H₂O

Environmental Science

study of the interaction of (+)'s organisms & their surroundings
↳ e.g. humans, animals, any living things

NOTES CONTINUE ON OTHER SIDE



Topic/Objective CHAPTER:

NAME:

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NOTE Taking AREA:

Sphere

↳ 3d (ball) object

↳ ⊕ has several spheres that are interdependent.

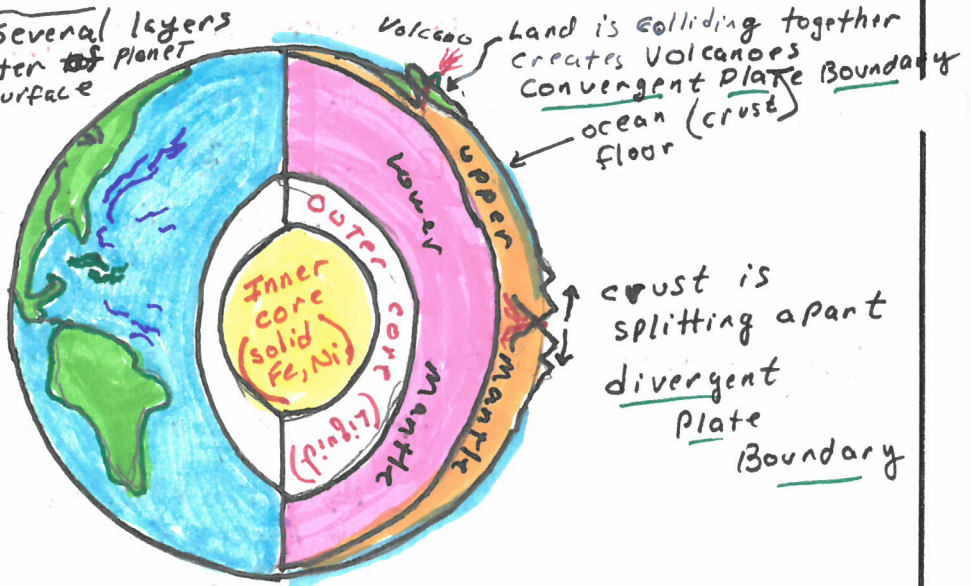
Hydrosphere → water (oceans, seas)
↳ 3% freshwater glaciers, lakes, ground water
Lakes, Rivers

Atmosphere → Blanket of gas 78% N₂
21% O₂

Biosphere → life

Geosphere → Rock, solid surface

↳ several layers
↳ center of planet to surface



Parts of a Planet

SUMMARY:

Crust: outer ^{outer shell} most part of the planet } continental (land)
Oceanic (ocean floor)

Mantle: middle of the planet } U.P.P.R : harden area Both crust and upper mantle
Lithosphere
Lower: plastic like layer
ASTHENOSPHERE

Core: Inner most part of planet } outer: Liquid Fe, Ni
Inner: Solid Fe, Ni



Topic/Objective CHAPTER: 1

NAME:

Intro to Earth Science

Pd: 1 , 4 5 other

DATE

Essential Question

What is Earth Science

Cue: Review:
Thoughts: Main Idea

NOTE Taking AREA:

watch video

Branches of EARTH Science by Cadena Pow

my idea of
EARTH sci

↳ volcanoes, EARTHquakes, Tornado-

5 Branches of ⊕ sci

⊕

• Geology

↳ Study of EARTH's interior & surface

↳ Rocks, minerals, plate tect.

• Astronomy

↳ study of universe, stars, planets, moons

↳ Beyond ⊕

• Meteorology

↳ Study of ⊕'s Atmosphere and weather

↳ e.g. clouds, rain, storms

• Oceanography

↳ Study of ⊕'s oceans

e.g. chem. of water, ^{ocean} floor, waves,
Life, shape of ↗

• Environmental
Science

↳ Study of the interactions of ⊕'s
organisms & their surroundings

i.e. ↳ humans, animals, anything living



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NOTE Taking AREA:

Events



 ↳ Change on ⊕ that occurred

 ↳ w/in ⊕'s history we had 5

Major 

MASS EXTINCTION By Asap Science

worst one

↳ 250 million yrs ago

 ↳ 95% of marine species

 ↳ 70% of land species > died off.

Ordovician - Silurian 439 m.y.o 86% of life

Late Devonian 374 million M.Y.O.

Permian 250 m.y.o. * worse

Triassic - Jurassic 200 m.y.o. Pangaea Break up.

Cretaceous - Tertiary (K-T boundary)

SUMMARY: