

Geography Revision List

• Earth's Structure

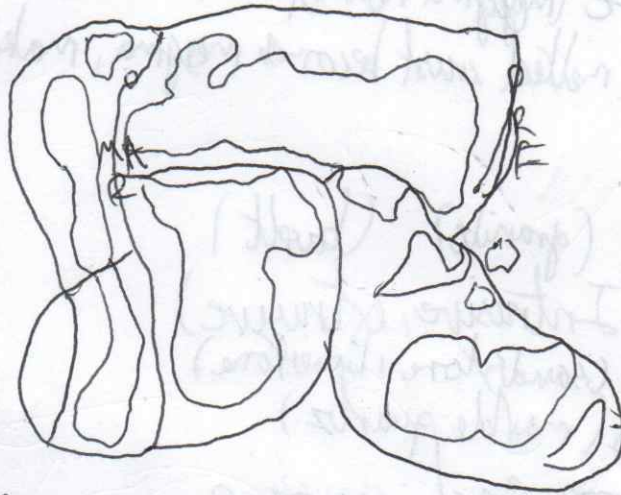
◦ Layers

- Crust
- Mantle
- Outer Core
- Inner Core



◦ Tectonic plates

- Eurasian
- African
- North American
- South American
- Pacific
- Nazca
- Indo-Australian



◦ Plate boundaries

- Collide (Destructive)
- Separate (Constructive)
- Slide (Passive)

◦ Areas famous for plate boundaries

- Mid-Atlantic Ridge
- Pacific Ring of Fire

◦ Convection currents

- How they are made
- What they do

• Volcanoes

◦ Parts of a volcano

- Magma chamber
- Vent
- Crater

◦ State of volcanoes

- Active
- Dormant

- o Case studies
 - Ireland
 - Spain
- o Impacts of volcanoes
 - Short-term
 - Long-term
- o Plate boundaries where volcanoes are formed
 - Constructive (magma has space to come up)
 - Destructive (melted crust becomes magma, makes a volcano)

• Rocks

- o 3 groups (granite) (basalt)
 - Igneous (Intrusive, extrusive)
 - Sedimentary (sandstone, limestone)
 - Metamorphic (marble, quartz)
- o Examples from each group
 - Granite (intrusive)
 - Sandstone
 - Marble

o Where in Ireland can you find these rocks

o Uses of rocks

o How we extract rocks from the ground

Basalt

Igneous (Extrusive)

Used for roads

Found in Antrim

Extracted with explosives

Marble

Metamorphic

Used for statues

Found in Connemara

Extracted with quarrying

Sandstone

Sedimentary

Used for tiles

Found in Kerry

Extracted with drilling

Earth's structure

Granite Basalt
Intusive Extrusive

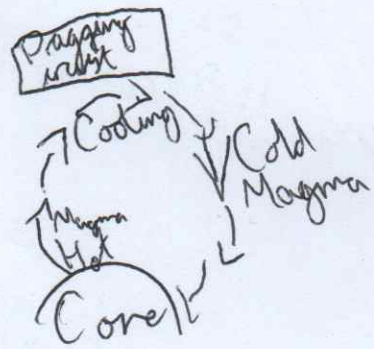
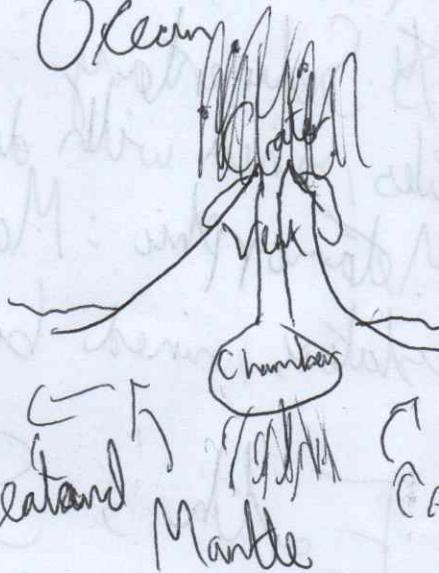
Mid-Atlantic Ridge:

A line through the Atlantic Ocean
contains Iceland.

Pacific Ring of Fire:

All land around the Pacific Ocean

Contains California, Japan and New Zealand



Heat rises so when magma is heated at the core it rises. As the magma rises, it cools, causing it to come back down. As it goes down, it drags the crust across. When it falls all the way to the core, it gets heated again.

La Palma, Spain

September - December 2021

The eruption blocked roads

The eruption destroyed homes

and businesses, which causes homelessness

Basalt:

Granite (Extrusive)

Found in Andromeda

Used for roads Extracted with explosives

Rocks

Igneous: Basalt, Extrusive, Found in Antrim, used for roads, mined with explosives
& Sedimentary: Sandstone, Found in Kerry, used for tiles, mined with drills
Metamorphic: Marble, Found in Connemara, used for statues, mined by quarrying

Earth's Structure

