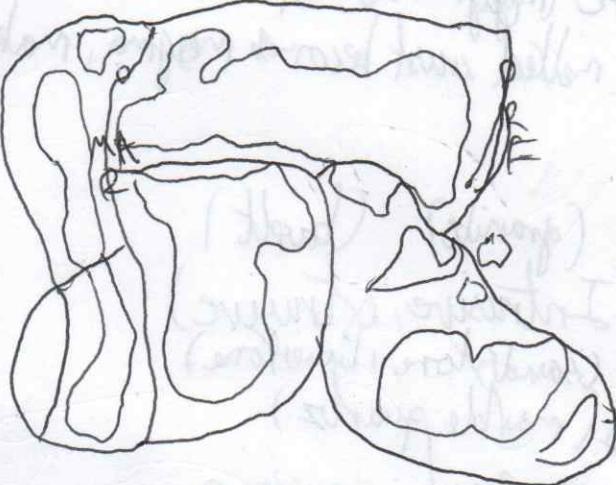


Geography Revision List

• 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
 - Iceland
 - 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 Ayrshire
- 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
Intrusive Extrusive

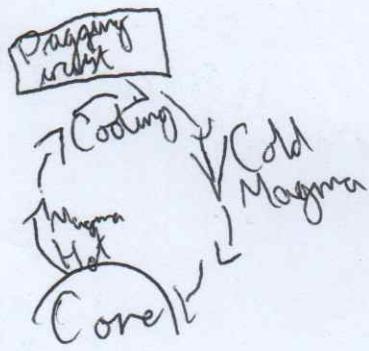
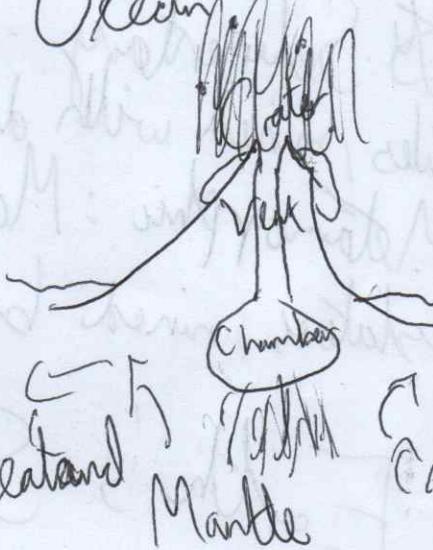
Mid-Atlantic Ridge:

A N the way 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 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:

green (Extrusive)

found in Antiqu

Used for roads. Extracted with explosives

Rocks

Igneous: Basalt, Extrusive, Found in Antim, used for roads, ruined with explosives

Sedimentary: Sandstone, Found in Kerry, used for tiles, mixed with drifts

Metamorphic: Marble, Found in Connemara, used for statues, mixed by quarrying

Earth's Structure

