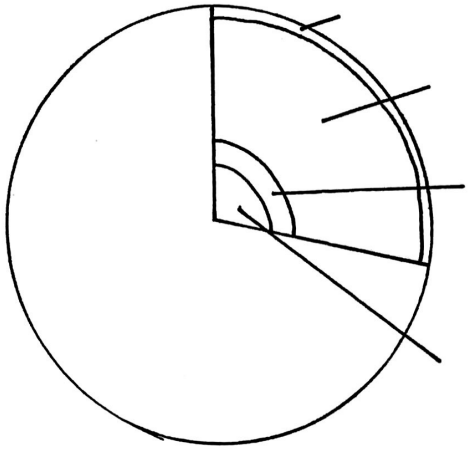
TECTONIC HAZARDS.

Definitions:

* Hazard?
* Hazard Risk?
* What may affect hazard risk?

STRUCTURE OF THE EARTH.



TYPES OF CRUST. - Differences?

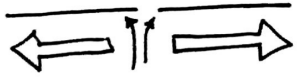
OCEANIC CRUST 'v' CONTINENTAL CRUST.

PLATE BOUNDARIES

A. DESTRUCTIVE BOUNDARY - process?
→ oceanic → continental. - feature?

What if oceanic – oceanic?

B. CONSTRUCTIVE BOUNDARY - process?
- feature?



C. COLLISION BOUNDARY - process?
- feature?

D. CONSERVATIVE BOUNDARY
- process?
- feature?

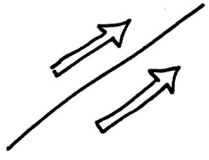


PLATE MOVEMENTS - REASONS.

(i) CONVECTION CURRENTS

(ii) SLAB PULL / RIDGE PUSH.

DISTRIBUTION OF EARTHQUAKES / VOLCANOES

EARTHQUAKES.

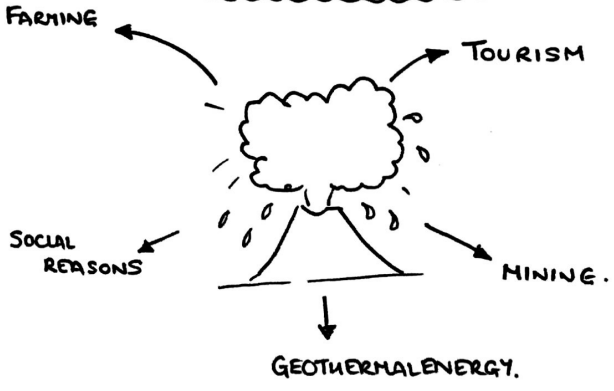
Focus?

Epicentre?

Measuring earthquakes?

Why do people continue to live in areas prone to earthquakes?

REASONS WHY CONTINUE TO LIVE NEAR VOLCANOES



FACTFILE → JAPAN EARTHQUAKE

- EFFECTS
  - PRIMARY
  - SECONDARY.
- RESPONSES
  - IMMEDIATE
  - LONG TERM

FACTFILE → NEPAL EARTHQUAKE

- EFFECTS
  - PRIMARY
  - SECONDARY
- RESPONSES
  - IMMEDIATE
  - LONG TERM

HAZARD MANAGEMENT

What is meant by:-

* MONITORING AND PREDICTION?
* PROTECTION?
* PLANNING?

TECTONIC HAZARDS.

(A) MONITORING & PREDICTION. → VOLCANOES
↓
EARTHQUAKES.

(B) PROTECTION → VOLCANOES.
↓
EARTHQUAKES

(C) PREPARATION. → VOLCANOES.
↓
- EARTHQUAKES.
  - EDUCATION
  - EMERGENCY SERVICES
  - SECURING
  - EMERGENCY SUPPLIES
- HAZARD MAPPING
- EVACUATION PREPARATION.