How risky is our world?

Year 9

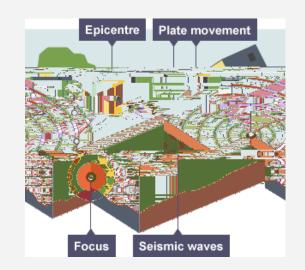
| (1) Keywords | | (2) What increases hazard risk? | (3)Why was the |
|----------------|--|--|--|
| | | The risk of a hazard can be in crea by several factors including lobe, magnitude, poverty, development of a country, and preparedness. | FactPle: HaiŸis a LIC 7.0 magnitude earth 80% earn less than 3 |
| Hazard risk | The probability or chance that a natural hazard may take place. A rigid segment of the earth's crust which damat' | buildings. It cannot cope with the disast deawards due to a alack of trained emergency services. x Urbanisaön - If a hazard takes place close to a large city risk will be ergy er because larger numbers of people will becaled by the hazard risk compared to less populated rural areas. x Magnitude- If an earthquake measures high, above 7.0 on the Richte scale, hazard risk will be higher because it will release more seismic gy with makes it more powerful and destrive. | 70% unemployed 15% children die be 47% of people are il |
| Tectonic plate | across the heavier, semi-molten rock below. An earthquake is the sudden release of seismic end | | <u>E-ects</u> |
| Earthquake | that is felt as shaking. | | 230,000 people kille |
| Elects | The impacts of a natural hazard on people and property .Primary eects happen straight away, secondary eects happen some later. | | 08% of rubble remai |
| Responses | The reactions of people to a disaster. Immediate responses happen immediately, long-term response happen weeks, months and year the event. | | |

Three types of plate margin lead to hazards. Earthquakes occur at allAn earthquake is the sudden release of new second se three margins. The epicentre is the locentric directly above where the earthquake start 6.3 magnitude earthquake х

- A destruc We margins where plates move towards each other and, Х the denser plate subducts into the mantle. Hour between the plates builds un $\ddot{\mathbf{W}}$ it is released as a powerful earthquake.
- A construc We margin is where two plates are moving apart. Small-Х er earthquakes occur due to the build up of Kip as magma rises and cools topl the gap.
- Conservai/e margins create earthquakes when two plates slide Х past each other in opposite directors, or in the same director at di terent speeds. Frition builds un it is released as seismic energy.

Seismic waves are waves of energy caused by the sudden moveme GDP/Capita: \$42,084 the earth's crust. We feel these as vibuas and shaking.

The Focus is the looan inside the earth's crust where the earthquake begins.



4.3% unemployed The margin or boundary between two tectonic plates. Average pay \$26.99 pelate margin



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Term 2



e Haï/earthquake so bad?

LIC.

thquake

n \$2 a day

before the age of 5 illiterate

led and 1 in 5 jobs lost.

due to poor sankian

nainedlær 6 months.

vaived Häsi debt payments for 5 years

(6) Why was the risk lower in New Zealand?