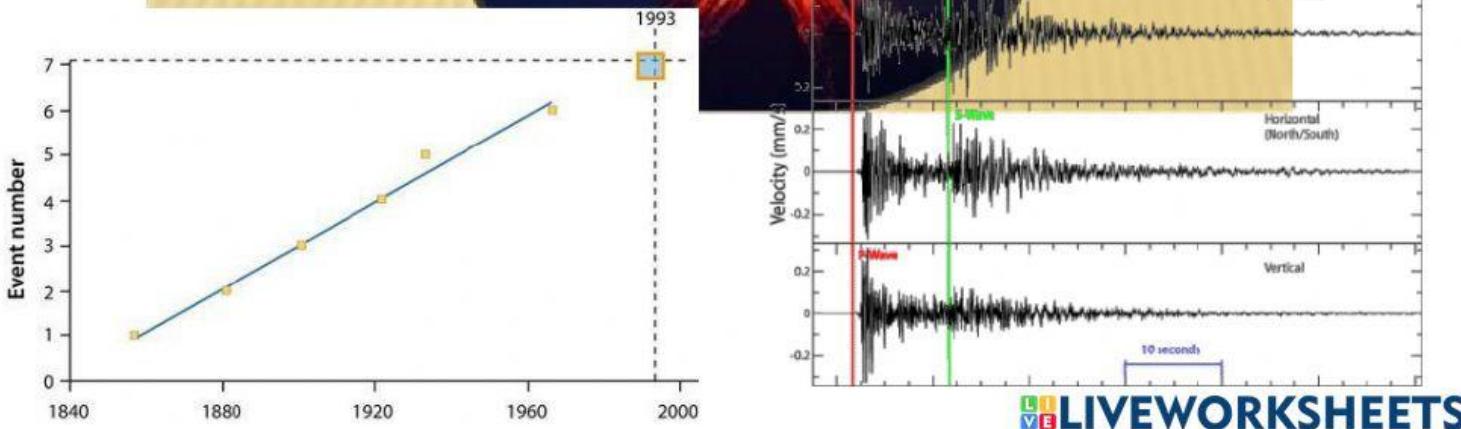
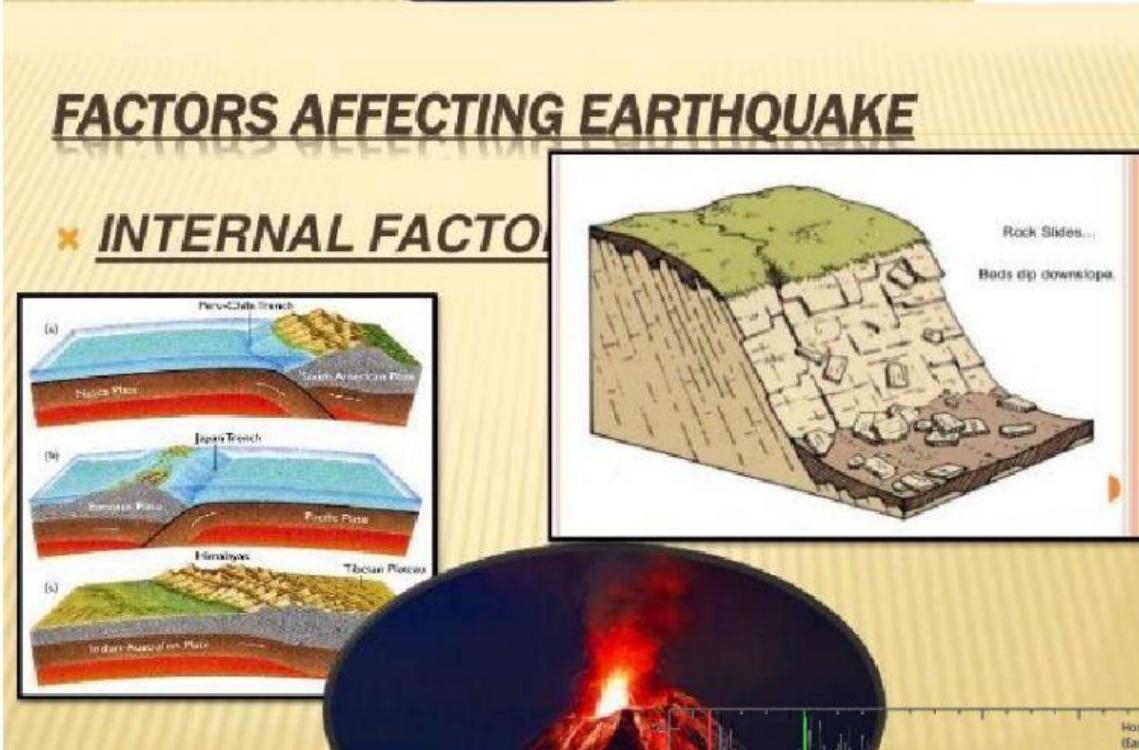
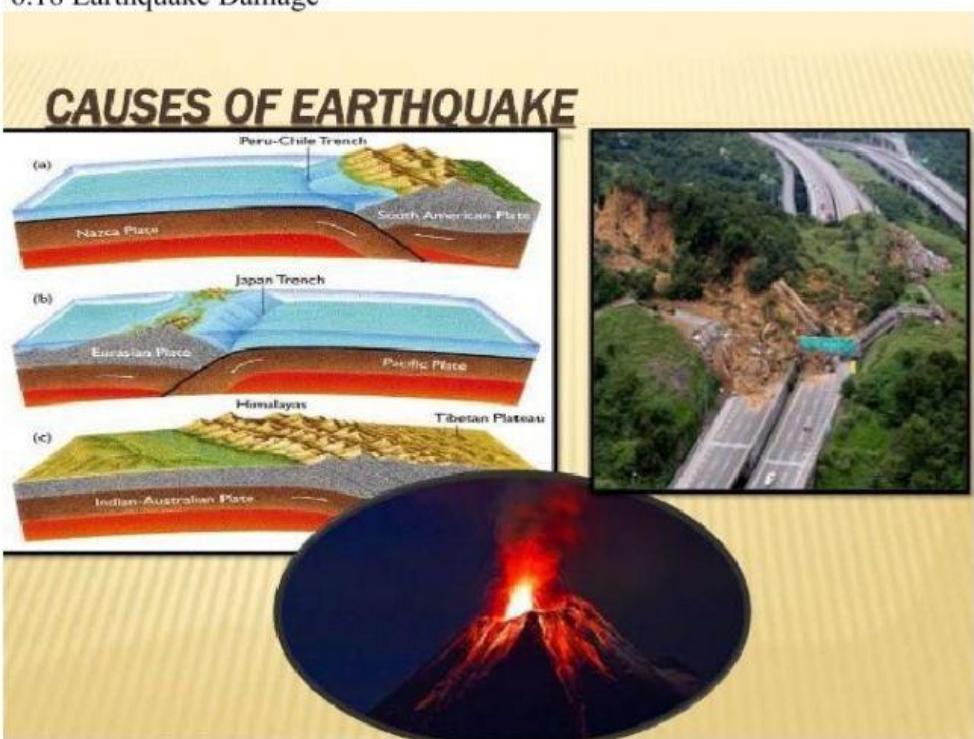


6.18 Earthquake Damage



1. What causes liquefaction? Why is it damaging?
2. A 9.2 earthquake struck near Anchorage, Alaska in 1964, but few people died. If a similar quake struck today, how many fatalities would there be compared with the quake in 1964? Explain your reasoning.
3. Why do city planners look at Mercalli maps rather than predictions of earthquake magnitude?