



Plate Tectonics

Game Ideas

- Everyone is a disaster and you are trying to destroy the most areas
- You are trying to get to the end of the game board before everybody dies
- You are trying to avoid all of the disasters
- One team is trying to kill humans using tectonic plates while the other is trying to stop them

Thoughts

- there are multiple tectonic plates - Correct
- They cause earthquakes - Correct
- They cause hurricanes - Incorrect
- They cause tsunamis - Correct
- They are underground - Correct
- They move - Correct

Questions

- What is a tectonic plate? - A a solid layer that floats on the lithosphere
- What do they do? - Float on the lithosphere
- Are they dangerous? - They can be
- How deep underground are they? - They are the outermost layer
- Long does it take for them to move? - Around 9 cm per year
- Which plate is the largest? - Pacific
- Which plate is the smallest? - Juan De Fuca
- How big are they? - About a hundred kilometers thick
- Do more form over time? - They can if the forces on the end of the plate change
- What plate boundary will form in our area next?
- Were the plates different during Pangea?

Examples

- Pacific
- North American
- South American
- Antarctic
- Eurasian
- Indo-Australian
- African
- Juan De Fuca