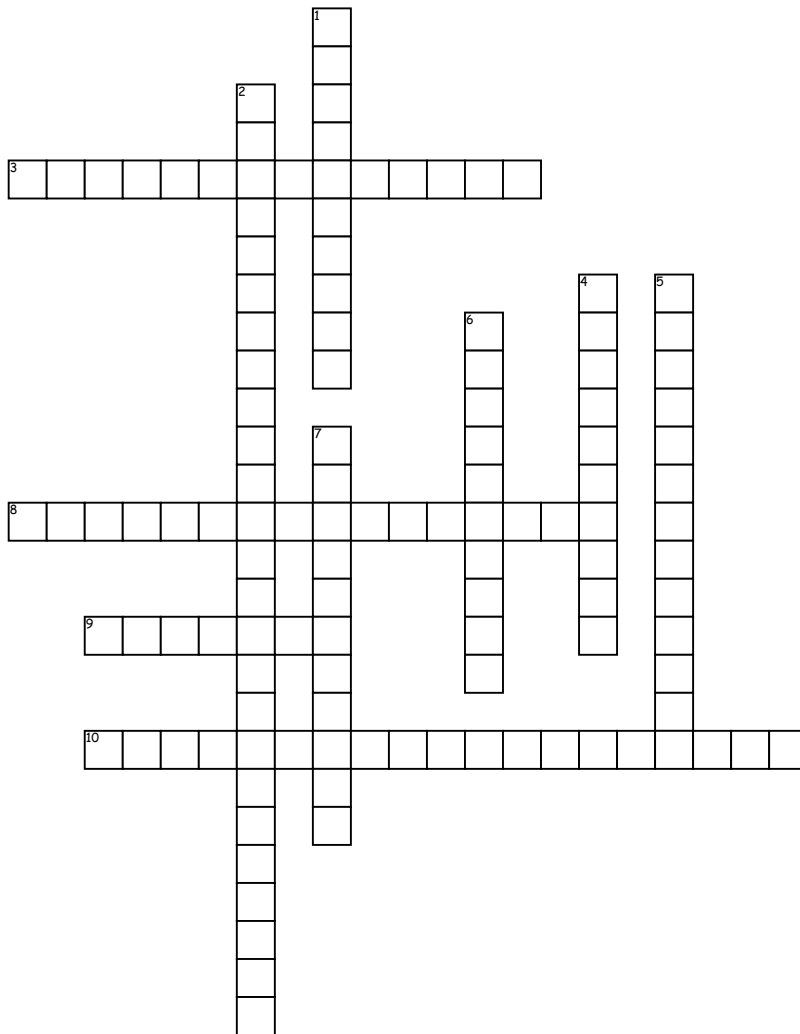


Cross Tonic Puzzle



Across

- 3. This shows all the shapes and elevation of the land surface using contour lines.
- 8. The Earth's 1st history surface that says the continents were it once was connected but is now longer because it drifted apart.
- 9. The remains of the organisms that are mineralized (how long they have lived and how they were structured)
- 10. 2nd theory saying that the lithosphere is divided into plates that move on the asthenosphere at the very top

Down

- 1. Violent shaking of the Earth's ground that can cause destruction.

- 2. Rock material that is found in a parallel pattern found across the Mid-Atlantic Ridges in identical locations. the rock shows the geologic age.

- 4. This occurs when a denser plate is pushed down beneath a less dense plate which occurs at a convergent boundary which then creates trenches and volcanoes.

- 5. Located right below the lithosphere it has plasticity and is a solid layer (plates move and float on this)

- 6. When the study of the Earth's features and surface

- 7. Divided into huge pieces tectonic plates on the outermost layer of the earth it also consists of the crust and top part of the mantle

Word Bank

Sea Floor Spreading Evidence
 Subduction
 Earthquake
 Fossils

Lithosphere
 Asthenosphere
 Topography

Continental Drift
 Topographic Map
 Plate Tectonic Theory