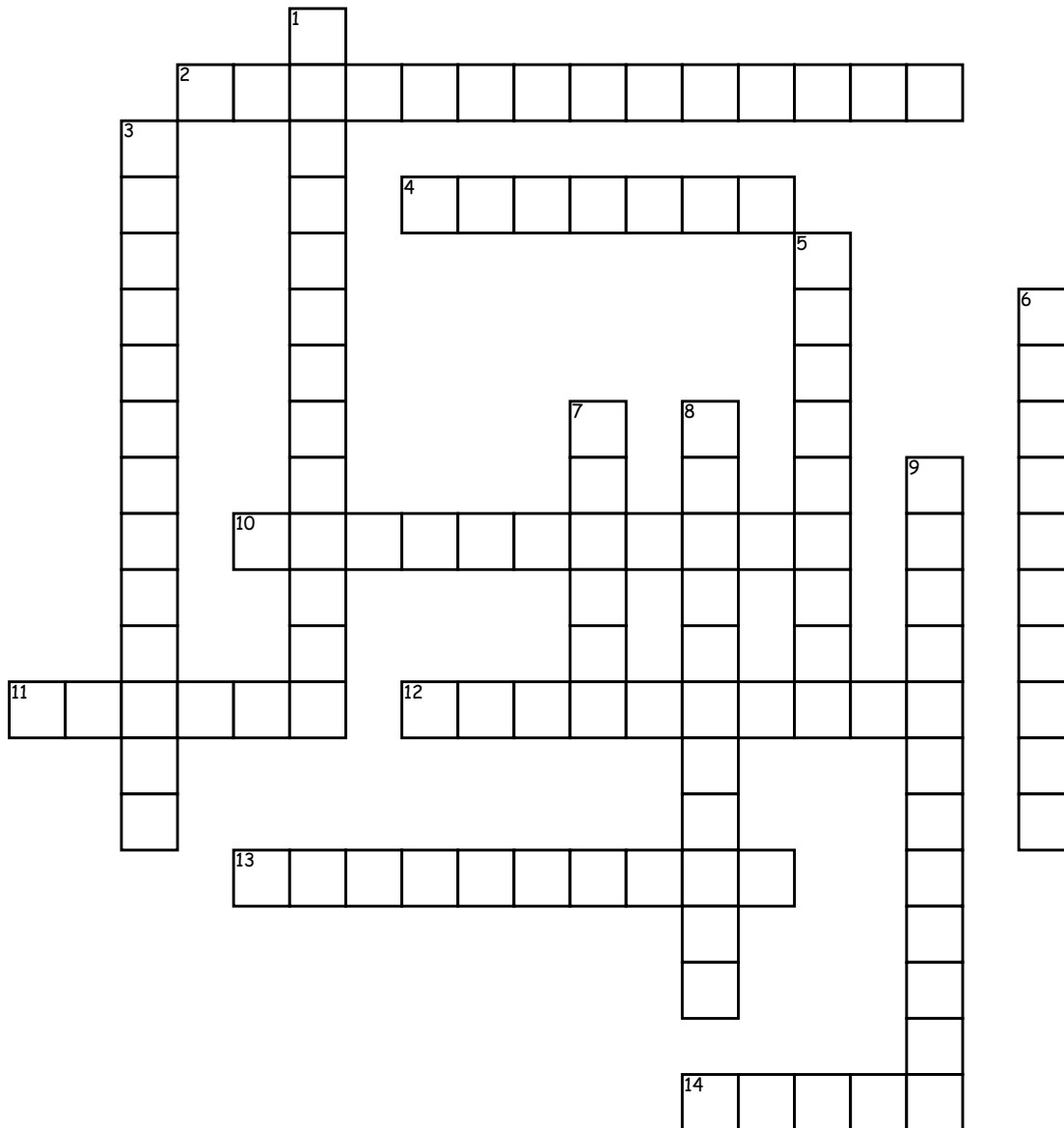


Earthquakes



Across

2. the sudden return of elastically deformed rock to its undeformed shape

4. which seismic waves do the most damage

10. the bending tilting and breaking of the earth's crust the change in the shape of rock in response to stress

11. a seismic wave that causes particles of rock to move in a side to side direction

12. a tracking of earthquake motion that is created by a seismograph

13. an area along a fault where relatively few earthquakes have occurred recently but where strong earthquakes have occurred in the past

14. the point along a fault at which the first motion of an earthquake occurs

Down

1. a hypothesis that is based on the idea that a major earthquake is more likely to occur along the part of an active fault where no earthquakes have occurred for a certain period of time

3. where do most earthquakes happen

5. the point on earth's surface directly above an earthquake's starting point or focus

6. the study of earthquakes

7. a seismic wave that causes particles of rock to move in a back and forth direction

8. an instrument that records vibration in the ground and determines the location and strength of an earthquake

9. a wave energy that travels through the earth away from an earthquake in all directions