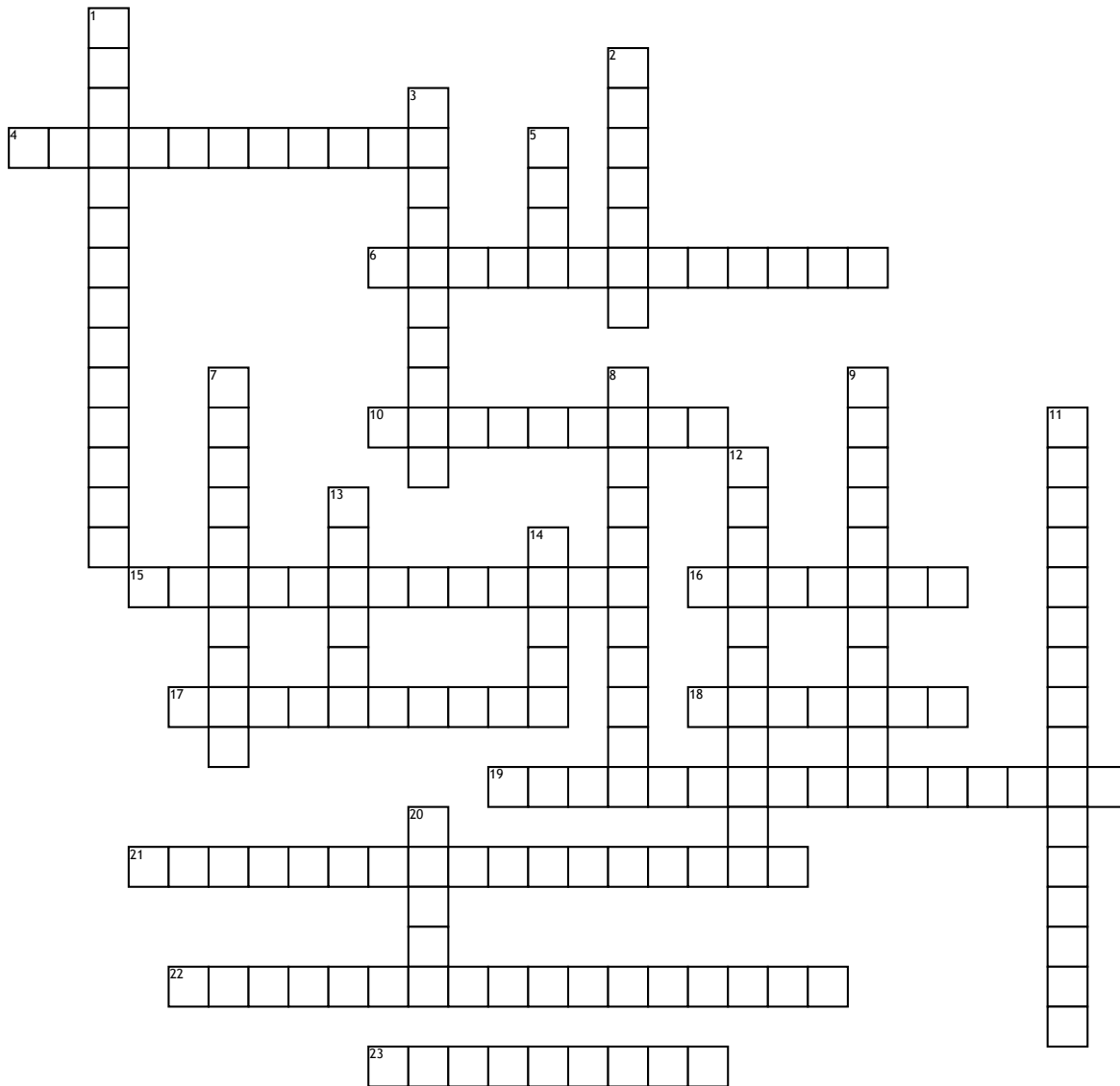


LESSONS 1,2,3



Across

4. rigid outermost shell of earth
 6. the pudgy like layer
 10. places where plates slide sideways past each other
 15. massive weird shaped slab of solid rock
 16. caused by compression
 17. Plate Boundaries in continental and oceanic lithosphere
 18. supercontinent that included all the landmasses
 19. A change in the Earth's magnetic field
 21. a process in which new ocean floor is created as molten material from the earth's mantle rises

22. transfer heat from one place to another by mass motion of a fluid such as water, air or molten rock.

23. A tectonic boundary where two plates are moving away from each other

Down

1. earth is divided into a small number of plates which float on and travel independently over the mantle
 2. a stress which stretches rocks in two opposite directions
 3. the part of the earth's atmosphere between the stratosphere and the thermosphere
 5. the "pit" of the earth the innermost part

7. is a region of the Earth's crust where tectonic plates meet.

8. a set of stress directed toward the center of a rock mass.

9. a wave of energy that is generated by an earthquake or other earth vibration

11. the theory of the continents drifting apart

12. force applied to a certain area to cause stress

13. is a layer of silicate rock between the crust and the outer core.

14. break in rocks that make crust

20. the outer most layer of the earth