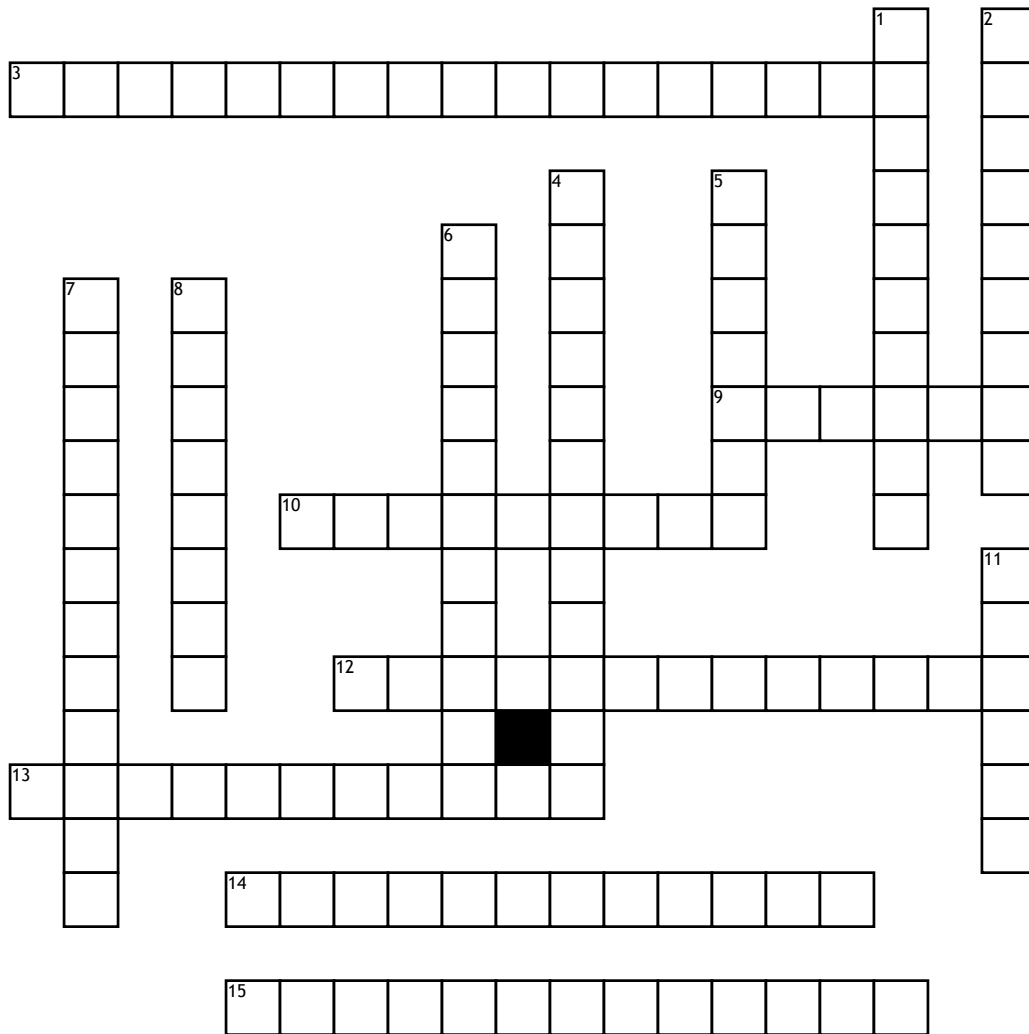


Name: _____

Date: _____

Climate Change



Across

- 3. transfer heat from one place to another by mass motion of a fluid such as water
- 9. measures how much of the sun's radiation is reflected by a surface
- 10. the regions of the surface, atmosphere, and hydrosphere of the earth (or analogous parts of other planets) occupied by living organisms
- 12. rain, snow, sleet, or hail that falls to the ground
- 13. the rigid outer part of the earth, consisting of the crust and upper mantle
- 14. a cause creates an effect that affects the original cause

15. plankton consisting of microscopic plants

Down

- 1. the envelope of gases surrounding the earth
- 2. focus on the ecology of a region
- 4. a process where sea ice forms, rejects salt making the surrounding water more salty. this cold salty water is dense, so it sinks. warmer water then moves in from the equator
- 5. the weather conditions prevailing in an area in general or over a long period

- 6. all the waters on the earth's surface, such as lakes and seas, and sometimes including water over the earth's surface, such as clouds
- 7. relating to a period of milder climate between two glacial periods
- 8. produce and discharge (something, especially gas or radiation).
- 11. a vast, flat, treeless Arctic region of Europe, Asia, and North America in which the subsoil is permanently frozen

Word Bank

- | | | | |
|---------------|-------------|--------------------|--------------|
| tundra | emitting | feedback loop | lithosphere |
| albedo | climate | convection current | interglacial |
| atmosphere | hydrosphere | precipitation | biosphere |
| phytoplankton | ecoregion | thermohaline | |