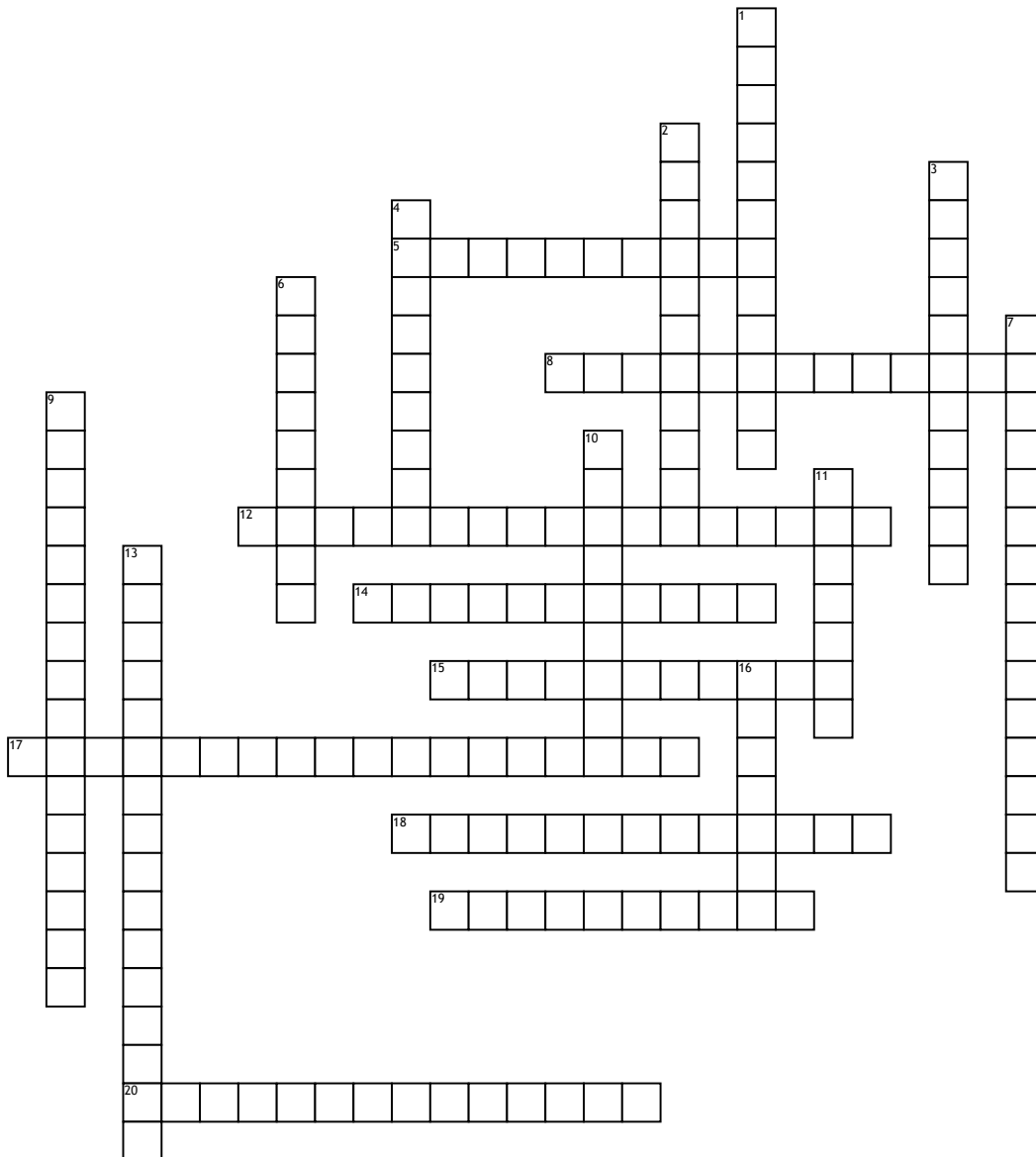


Name: _____

Date: _____

February ILI



Across

5. measures wind speed based on the rotation of the cups as the wind blows
 8. rapidly moving cold air mass, it lifts a warm air mass, then collides with another cold air mass

12. rising air that moves in a counterclockwise direction in the northern hemisphere, often associated with cloudy weather and precipitation
 14. remnants of ancient plants that are typically burned for energy, releasing CO₂ gas

15. the processes of photosynthesis, decomposition, and respiration, by which carbon as a component of various compounds cycles between its major reservoirs: the atmosphere, oceans, and living organisms

17. sinking air that moves in a clockwise direction in the northern hemisphere, usually associated with fair weather

18. a localized climate that differs from the main regional climate

19. measures humidity by finding the difference between the wet bulb and the dry bulb

20. the rotation of the Earth that causes storms in the Northern Hemisphere to spin counterclockwise

Down

1. an instrument that uses microwaves to detect the location, type and movement of precipitation

2. local temperature of urban areas higher due to large expanses of concrete and asphalt

3. measures temperature

4. measures air pressure

6. a mass of cold dense air that displaces warm air

7. when two air masses meet but neither one advances, the boundary stalls

9. uses pictures from space to see large weather patterns

10. advancing warm air that rides up and over cold air

11. the day-to-day patterns of air and water in the troposphere

13. the ability of gasses in the atmosphere to trap heat energy around the Earth

16. long term average of variations in the atmosphere for a particular area