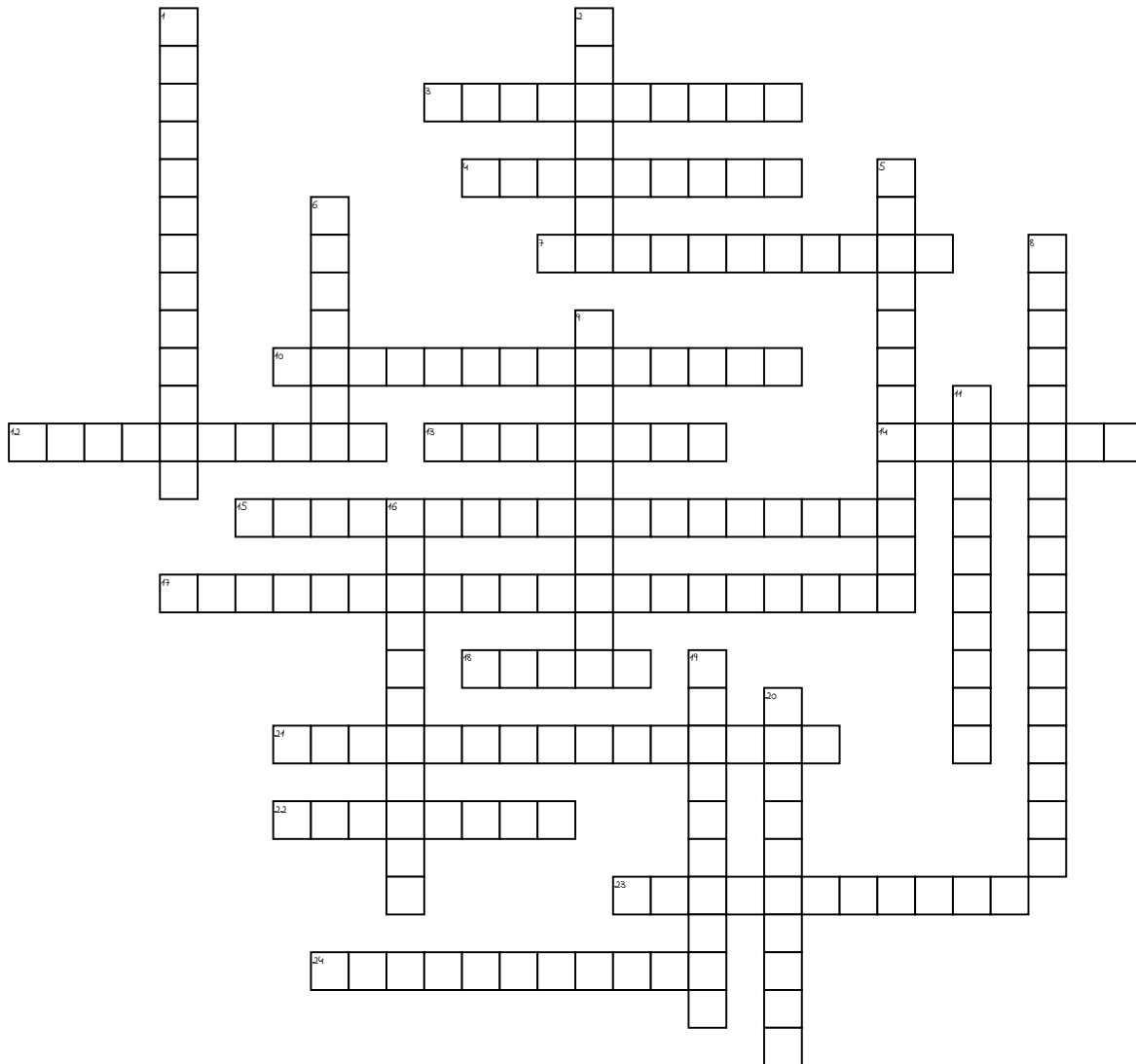


# vocab words crossword- makayla campbell



## Across

3. the heat required to convert a solid into a liquid or vapor, or a liquid into a vapor, without change of temperature.

4. an instrument measuring atmospheric pressure, used especially in forecasting the weather and determining altitude.

7. a weather system with high atmospheric pressure at its center, around which air slowly circulates in a clockwise (northern hemisphere) or counterclockwise (southern hemisphere) direction.

10. an effect whereby a mass moving in a rotating system experiences a force (the Coriolis force) acting perpendicular to the direction of motion and to the axis of rotation; jet stream, strong generally westerly winds concentrated in a relatively narrow and shallow stream in the upper troposphere of the earth.

12. an instrument for measuring the humidity of the air or a gas.

13. the temperature to which air must be cooled to become saturated with water vapor.

14. a body of air with horizontally uniform temperature, humidity, and pressure.

15. tiny particles in the air on which water vapor condenses and they are the key to making clouds, fog, haze, rain, and other forms of precipitation.

17. a thin layer of the atmosphere where the normal decrease in temperature with height switches to the temperature increasing with height.

18. when 2 air masses meet

21. the dry cold prevailing winds that blow from the high-pressure areas of the polar highs at the North and South Poles towards low-pressure areas within the westerlies at high latitudes.

22. a phase transition in which matter transitions directly from a gaseous state into a solid state without passing through an intermediate liquid phase.

23. the force exerted onto a surface by the weight of the air.

24. the process by which a substance goes directly from the solid to the gaseous state without passing through the liquid state.

## Down

1. any liquid or frozen water that forms in the atmosphere and falls to the Earth.

2. a seasonal prevailing wind in the region of South and Southeast Asia, blowing from the southwest between May and September and bringing rain (the wet monsoon), or from the northeast between October and April (the dry monsoon).

5. the conversion of a vapor or gas to a liquid.

6. a system of winds rotating inward to an area of low atmospheric pressure, with a counterclockwise (northern hemisphere) or clockwise (southern hemisphere) circulation; a depression.

8. occurs when an air mass is forced from a low elevation to a higher elevation as it moves over rising terrain.

9. a phase transition in which matter transitions directly from a gaseous state into a solid state without passing through an intermediate liquid phase.

11. a wind blowing steadily towards the equator from the northeast in the northern hemisphere or the southeast in the southern hemisphere, especially at sea.

16. the process of turning from liquid into vapor.

19. the region or boundary separating air masses of polar origin from those of tropical or subtropical origin.

20. the belt of prevailing westerly winds in the mid-latitudes of the northern and southern hemispheres.