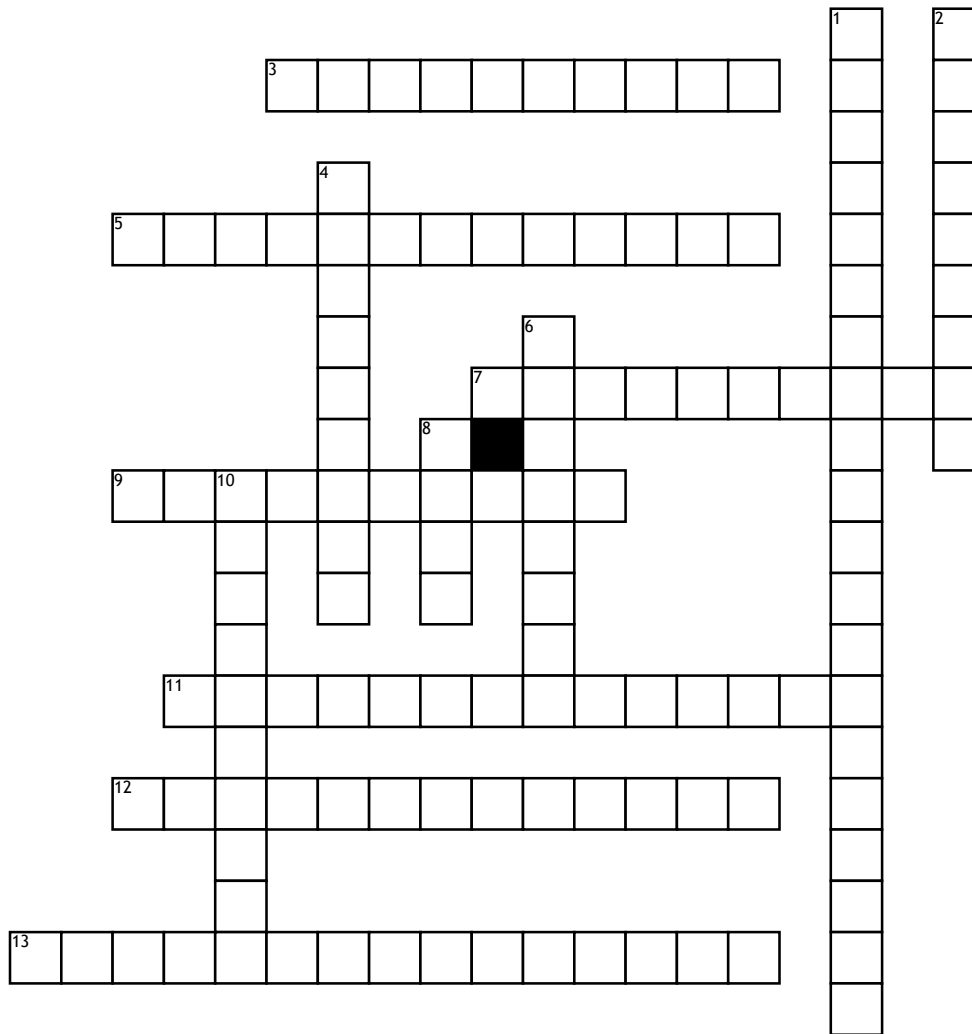


Weather Tic Tac Toe



Across

- 3. large-scale movement of air due to the unequal heating of Earth's surface
- 5. area of slow moving winds located between the prevailing westerlies and trade wind
- 7. the transfer of heat by the movement of warmed matter (air or liquid)
- 9. wind that blows for 30° latitude almost to the equator in both hemispheres
- 11. the deflection of an object moving above the earth, rightward in the northern hemisphere and leftward in the southern hemisphere

Word Bank

- | | | | |
|-----------------------|------------|-----------------|------------------|
| prevailing westerlies | anemometer | horse latitude | polar easterlies |
| trade winds | Convection | coriolis effect | jet stream |
| ocean currents | wind | global wind | doldrums |
| local wind | | | |

12. a large volume of water flowing in a certain direction

13. wind belts that extend from the poles to 60° latitude in both hemispheres

Down

- 1. wind belts found between 30° and 60° latitude in both hemispheres
- 2. winds that move over a short distance and are caused by the heating of a small area of Earth's surface
- 4. narrow belt of high speed winds that blow in the upper troposphere and lower stratosphere

6. an area around the equator where there is very little wind because of the warm, rising air creates an area of low pressure

8. the movement of air from an area of high pressure to an area of low pressure

10. instrument used to measure wind speed