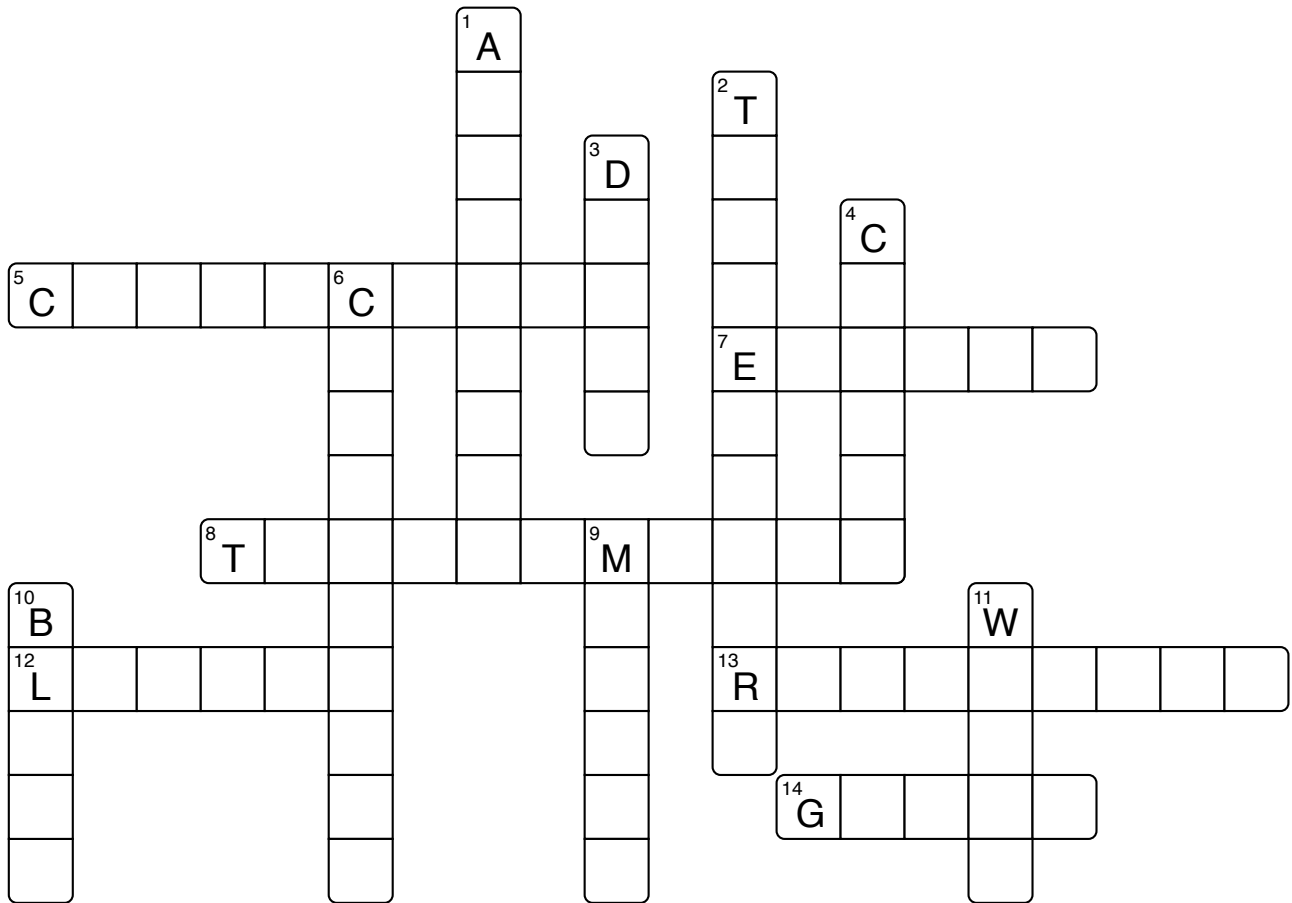


Heat (with Hints)



Across

5. Method of head transfer in solids.
7. Metals do this when heated.
8. This useful measuring instrument demonstrates the expansion of liquids with increasing temp.
12. _____ Heat- visualised as a plateau on a graph plotting the melting of ice.
13. The method of heat transfer used in grilling.
14. Convection is the method of heat transfer in liquids and _____.

Down

1. This metal is second in the conductivity series(CABS) -Copper,_____, Brass, Steel.
2. This is a measure of the amount of heat energy contained in a substance. It is not energy.
3. Ice floats as it is less_____ than liquid water. Very important for aquatic life in winter!
4. This metal is excellent at conducting heat.
6. Particular type of current-visible using potassium permanganate in water and heating.
9. Radiation does not require this but convection and conduction would not occur without this.
10. This colour emits heat energy faster than light colours such as white and silver.
11. This substance contracts with cooling until it reaches 4 degrees Celsius-where it then expands.