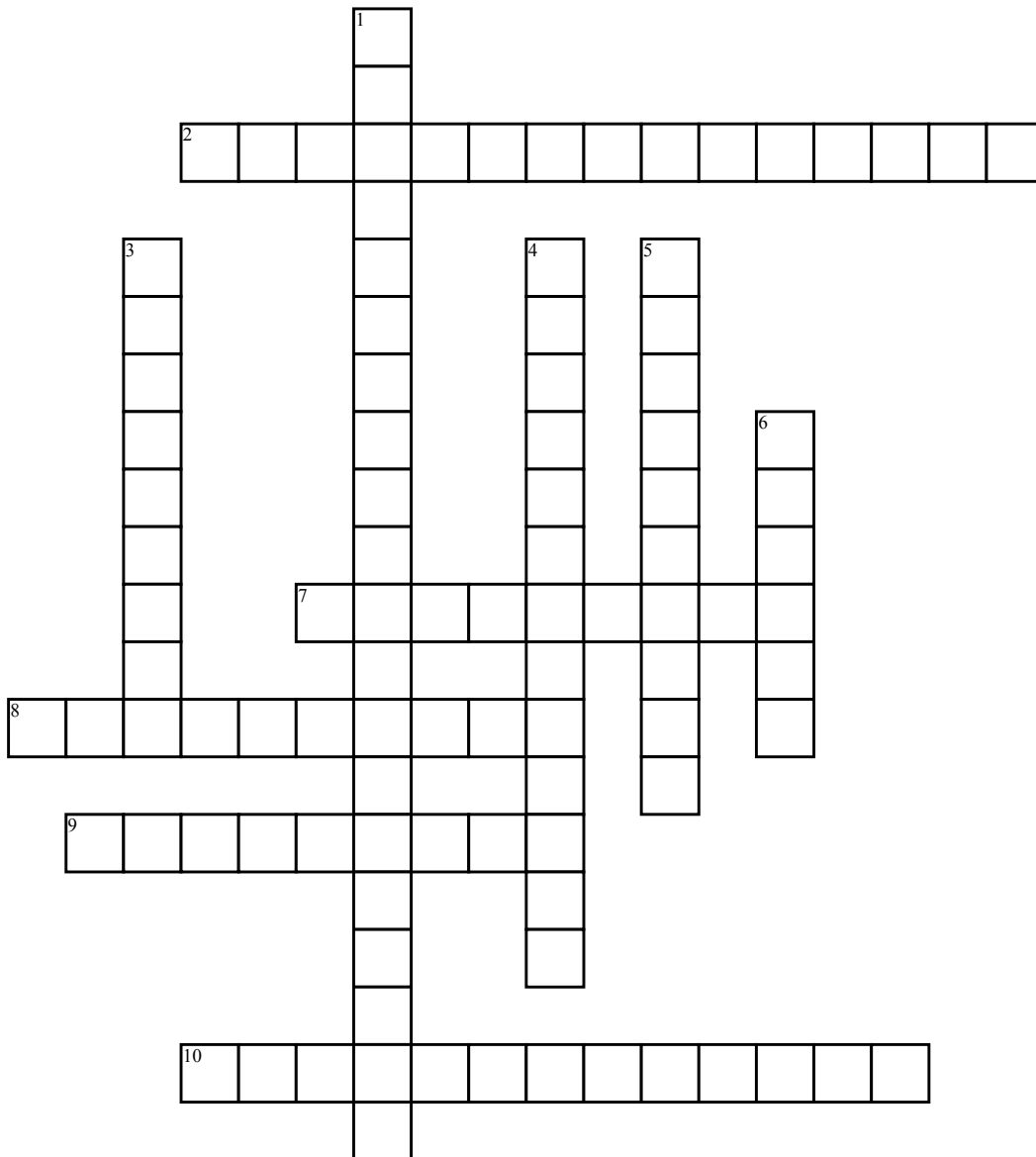


Name: _____ Date: _____ Period: _____

Energy Conservation and Transfer (Thermal Energy) crossword puzzle



Across

2. stored energy that results from the position or shape of an object
7. a material that does not conduct heat well
8. form of heat transfer where heat energy is directly transferred between molecules through molecular collisions or direct contact
9. a material that conducts heat well
10. the energy an object has due to its motion

Down

1. transverse waves consisting of changing magnetic fields; waves of the electromagnetic field, radiating through space carrying electromagnetic radiant energy . it includes radio waves, microwaves, infrared, (visible) light, ultraviolet, x-rays, and gamma rays .
3. the transfer energy by electromagnetic waves
4. the sum of kinetic and potential energy of all the particles in an object ; increases as the object's temperature increases
5. the transfer of thermal energy by circulation or movement of a liquid gas
6. the ability to do work