Crossword Puzzle

ACROSS
1. a planet the sun radiates heat towards
6. the direction heat moves from an inner source
7. an example of how convection works is the movement of heat through gases or _________
8. a term used in describing uniformity of temperature between hot and cold
10. the method by which heat is transmitted from a hot object to a cooler one
11. the sun _______ heat towards the earth
13. the movement of heat in liquids and gases
16. what atoms in matter in a fixed position do when heated
17. another form of heat
18. another term used similarly as atoms and molecules are used
19. heat is transmitted through atoms and ______
20. distance in miles between the sun and Earth (3 words)

DOWN
2. a form of energy that can travel in all directions
3. energy transmitted in all directions as waves or straight lines
4. the measurement of average motion of atoms and molecules in the atmosphere
5. the process by which convection evens out a temperature
9. an example of how radiation works is the transmitting of heat through space by _______
12. the gaseous layer surrounding Earth that is most affected by radiation
14. an example of how conduction works is the application of heat to atoms in _________
15. the number of ways heat can travel