



9. Convex lens
  - makes nearby objects look larger
  - helps far sighted people see things close to them
10. Concave lens
  - makes distant objects seem nearer and smaller
  - helps near sighted people
11. Most of earth's energy comes from the sun.
12. A pencil in a glass of water appears to bend at the surface because of refraction
13. Transparent objects let light pass through them    ex. glass
  - Translucent objects let some light through    ex. wax paper
  - Opaque object doesn't let any light pass through it    ex. book, cardboard
14. Sound cannot travel through space because there aren't any air molecules
15. Conduction - transfer of heat between objects    ex. frying pan touching hot burner
16. Convection - heat transfer as a result of mixing a liquid or gas
  - ex heat a pan of water
17. radiation    ex. sun heats up the air