The Sun’s Energy

* The sun is the source of all \_\_\_\_\_\_\_\_\_\_\_\_\_\_
* \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ defines how much energy you keep
  + Other planetary options
  + \_\_\_\_\_\_\_\_\_\_\_\_\_ is too cold because it has a thin atmosphere
    - All water is frozen
  + \_\_\_\_\_\_\_\_\_\_\_\_\_ is too hot because it has a thick atmosphere
    - Hot enough to melt lead
    - Pressure like being 1 mile under water

**Radiation**

* The transfer of \_\_\_\_\_\_\_\_\_\_ through electromagnetic waves (light)
  + Lamps
  + Fire
* Some radiation is \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
* Some is \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ back into space
* Earth \_\_\_\_\_\_\_\_\_\_\_\_\_\_ some radiation, too

**Conduction**

* The transfer of heat through \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
  + Caused by “bumping” of molecules
  + Some conduct differently
    - \_\_\_\_\_\_\_\_\_\_\_ electrical conductors are good heat conductors

**Convection**

* The flow of heat by \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ of gases and liquids
  + Hot air/water \_\_\_\_\_\_\_\_\_\_\_\_\_\_, cold air/water descends
  + This repeating cycle is a convection current
  + Causes all \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

