

## 6th Grade Materials needed for new core

### Strand 1

#### Moon:

- Earth, sun, moon model
- Moon cycle chart
- Eclipses of the moon chart
- Styrofoam Balls with sticks in them representing the moon
- Flashlights
- Moon student readers

#### Seasons:

- Seasons chart
- Seasons model
- Beach ball globes (found on Oriental Trading about \$1.00 each)
- Flashlights
- Seasons student readers

#### Solar System

- Solar system model
- Model of each planet
- Meter sticks to find scale
- Planet student readers
- Planet charts with planet information

### Strand 2

#### Molecules

- Kits to put molecules together—water, oxygen, carbon dioxide
- Charts showing the difference between atoms and molecules

#### Heat Energy

- Charts showing the different types of heat transfer
- Charts showing states of matter in a solid, liquid, and gas
- Charts showing the difference between objects that have more and less density
- Change of motion of molecules when things are cold and hot

### Strand 3

#### Weather and Patterns

- Chart of the water cycle
- Chart of air masses
- Thermometer
- Barometer
- Anemometer

- Wind vane
- Cloud chart
- Weather maps
- World wind chart of the prevailing winds
- Low pressure and high pressure charts
- Lake effect chart
- Greenhouse effect chart

#### Strand 4

##### Stability and Change in ecosystems

- Charts showing food webs of different ecosystems
- Charts of resource availability affecting organisms in a ecosystem
- Charts showing the flow of energy among living things in a food chain
- Charts of food, water, shelter and living spaces in Utah ecosystems
- Charts showing the role of producers, consumers, and decomposers in various ecosystems
- Charts that show the stability of populations affected by changes in an ecosystem affecting population growth

#### Miscellaneous

- Plastic Shoe Box trays
- Metric scales