**Earth Science**

**Chapter 1 – Section 1 - Science All Around**

**Hypothesis – An educated guess**

**Scientific Method**

1. **Identify Problem**
2. **Gather Info – Research**
3. **Make Hypothesis**
4. **Test Hypothesis**
5. **Analyze Results**
6. **Draw Conclusions**

**Science – Process of observing, studying and thinking about the world to gain knowledge**

**Earth Science – the study of Earth and space**

**Variable – Factors that are changed in an experiment. Ex – Different amounts of sun on plants**

**Independent Variable – the variable that you change – Ex – Amount of time the sun shines on plants**

**Constants – Variables that do not change – dirt, type of plant, amount of water, size of pot**

**Dependent Variable – variable being measured – growth**

**Control – Standard to which your results are compared – normal amount of sun**

**Technology – Use of scientific discoveries in every day life**