**Environmental Concerns regarding Soil**

**Answer the following questions:**

Give examples of places that these are occurring.

**Acidity/ alkalinity** – What causes it? What are the effects?

**Erosion** –What is it? What practices in farming, ranching and forestry erode soil? What practices protect it?

**Soil conservation** - Do we have any policies? What are some current practices in place?

**Compaction** – What is it? Why is it a concern?

**Desertification**- What is it? Why is it a concern? What causes desertification?

What nutrient cycles does soil play an integral part in? How is it involved?

If soil becomes acidic, the process of nitrification may no longer occur. What would the consequences of this change be for the nutrition of plants?

How can we balance our growing demand for food with our need to protect the environment?

What is biochar? How is it made?

What areas of the world are experiencing soil degradation?

How can this be linked to your Garden project?