***Hypothesis: I predict that my soil sample will have the following characteristics…… \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_***

**Part 1: Soil Texture**

Living components in soil Non-living components in soil



|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Color** | **Feel** | **Texture** | **Moisture** | **Living things** |
|  |  |  |  |  |

**Part 2: Sediment Tube**

 Test Tube right after shaking Test Tube after settled



**Part 3: Soil Sieve Screen Test**

|  |  |  |
| --- | --- | --- |
| **Sieves** | **Types of Particles** | **Your Sample** (**How much** of each type of soil was present in each sieve?) |
| 1st sieve | Gravel |  |
| 2nd sieve | Fine gravel |  |
| 3rd sieve | Coarse sand |  |
| 4th sieve | Fine sand |  |
| 5th sieve | Silt and clay |  |

**Part 4: Soil Quality Test**

**pH test results \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

Is your soil more acidic or basic? Based on the results of your pH test, would plants grow well in your soil sample?