Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Choice B - Save the Soil**

**Introduction**

You are a soil conservationist. Our wonderful science teacher, Mrs. Sprinkle has called you to help her save her garden. Her and her sons, Fox and Lex, have created a beautiful garden in their backyard. The Sprinkle family has always wanted to grow crops to enhance the beauty of their home; but they’re having a difficult time with soil erosion. Mrs. Sprinkle has asked for your help in controlling the soil erosion taking place in their backyard. She is accepting any ideas that could help her family grow fresh crops. Good luck!

**Overall Task**

You will research possible soil conservation practices, select two possible conservation practices you believe will benefit the Mrs. Sprinkle’s Garden, and create a plan of your possible solutions.

Record four interesting facts about soil and erosion on the “Interesting Fact” table below:

|  |  |
| --- | --- |
| **Soil** | **Erosion** |
| Fact 1: | Fact 1: |
| Fact 2: | Fact 2: |
| Fact 3: | Fact 3: |
| Fact 4: | Fact 4 |

\*\*\*Below, are some resources you could use to help you create your plan of action.

* Erosion and Deposition by water- textbook pgs. 398-406
* Erosion and Deposition by wind, ice, and gravity-textbook pgs. 414-421
* Nearpods of Erosion (on blog)
* Soil Formation- textbook pgs. 428-435
* <https://www.conserve-energy-future.com/methods-of-soil-conservation.php>
* Videos on the blog
* <https://www.soildistrict.org/soil-erosion-control/erosion-control/>

|  |  |
| --- | --- |
| **Soil Conservation Technique:** | **Soil Conservation Technique:** |
| **Description:** | **Description:** |
| **Advantages:** | **Advantages:** |
| **Disadvantages:** | **Disadvantages:** |

1. Make a five slide power point on each of the techniques you had chosen.
   1. Title slide with your name and the websites from which you obtained your information
   2. One slide with the description of the technique
   3. One slide of a picture of the technique
   4. One slide listing or describing the advantages of the technique
   5. One slide listing or describing the disadvantages of the technique