Additional Science Activities Integrated with Field Work in Garden

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| Approximate Time for Activities: | Classroom Activities | Objectives |
| February-March | Digital Learning and ELA unit:  Pebble Go “All About Plants”  Center 1 Seeds   * Observe a variety of seeds and bulbs | * + - * Using digital nonfiction reading for comprehension and communicating information       * Students will observe and describe characteristics about seeds       * Students will recognize how seeds are similar and different. |
| March – April  (While children participate in field work) | Center2: Parts of Plant, What is a plant part?   * What are parts of our body? What do they do? * Observe some plants- what parts do we see? * Using Sterling, K. (2012) books, take a look at plant parts * Sort vegetables into different categories: roots, stem, and leaves. * Practice interactively labeling plant parts with word cards and a plant picture   Center 3: What are the jobs of plant parts?   * Observe what happens to colored water and white carnation * Try building a block tower with a wide base? Narrow base? * Observe how the roots of an onion grow in a vase * Read and observe flower, stem, and leaves around school yard or in classroom. | * Students will observe and describe identify features of the main parts of a plant. (flower, roots, stem, and leaves) * Students will recognize and related their observations from fieldwork to facts from center studies * Students will explore the jobs of stem and roots * Students will read and compare all plant parts with their tulip observations. |
| April-May | Center 4: What is the lifecycle of the Red Emperor Tulip Plant?   * What’s our lifecycle stages? * Using photos of the tulip lifecycle stages, classify their chronological order and identify parts that are different. | * Develop an awareness that living things have a lifecycle * Recognize similarities and differences about the tulip lifecycle |
| May | Conclusions   * When is spring? * How does the tulip lifecycle help us? * Does spring happen at the same time in North America? What do tulips tell us? | Review what we did. What happened? How weather affects plants/weather data. |