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.
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| 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.
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| 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
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| 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. |