Lesson 4b: Seed to Table Sequence

Concept: Students will become more familiar with the

Objective: After participating in this lesson, students will be able to:

- Grow a plant from seed
- Observe changes over a period of time
- Describe and sequence the growth cycle of a plant

Lesson:

1. Read The Carrot Seed (not included in materials.)
2. Have the students recall the sequence of events in the story. (beginning, middle, end) Explain that just like in the story it takes time for a plant to grow to maturity. Discuss how the students will observe how a seed changes over a period of time into a plant as they visit the school garden. Explain that this is the plant’s life cycle.
3. Give each student a set of Seed to Table Sequence Cards. The students will cut them apart and place the cards in sequential order. They can glue the cards on a piece of paper after they have ordered them. Lead the students in a discussion about the growth cycle. Ask the students questions regarding the Seed to Table Cards and take them through the sequence of events. Have them make observations about the pictures.
4. Have the students complete the Seed to Table Card Observation sheet.

GPS: Science Focus
Grade 1: S1CS1 – S1CS7, S1E1, S1E2, S1L1
Grade 2: S2CS1 – S2CS5, S2CS6, S2CS7, S2E3, S2L1

Materials Needed:
- The Carrot Seed by Ruth Krauss
- Seed to Table Sequence Cards
- Scissors
- Glue
- Paper
- Seed to Table Card Observation sheet

Time: 30 min

Vocabulary:
- Sequence
- Growth
- Life cycle
Seed to Table Sequence Cards
Directions: Cut the cards apart and place in sequential order.

1
2
3
4
5
6
Seed to Table Card Observations

Directions: Observe the pictures on each seed to table card and complete the sentences with the appropriate word from the word bank below.

Card #1: A carrot starts out as a ________________________.

Card #2: The seed is planted in the ________________________.

Card #3: The carrot grows ________________________the ground.

Card #4: The carrots are ready to be ________________________.

Card #5: The carrots are sold at the farmer’s ____________________.

Card #6: The woman is going to eat the __________________ of the carrot.

<table>
<thead>
<tr>
<th>soil</th>
<th>root</th>
<th>under</th>
</tr>
</thead>
<tbody>
<tr>
<td>harvested</td>
<td>seed</td>
<td>market</td>
</tr>
</tbody>
</table>
Seed to Table Sequence Cards

Directions: Cut the cards apart and place in sequential order.
Garden Inspection

How many sunny days this week? 

_____ 

How many cloudy days this week? 

_____ 

Are the plants getting enough sunlight? 

Yes  or  No 

How does the soil feel? 

[]  []
<table>
<thead>
<tr>
<th>Soil</th>
<th>Dry</th>
<th>Moist</th>
</tr>
</thead>
</table>
| ![Soil] How many rainy days this week?  
  ____ |
| ![Water] Is there any water in the rain gauge?  
   Yes or No |
| ![Water] Are the plants getting enough water?  
   Yes or No |
| ![Growth] Measure the plant height and width to determine plant growth. |
| ![Growth] Have the plants grown since the last inspection?  
   Yes or No |