

Stage 1 Desired Results

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| Stage 1 Desired Results | | |
| <p>ESTABLISHED GOALS:</p> <p>ELA: Reading/ writing informational text Text Structures Reading fluency</p> <p>Science: Molecules to organisms - understands terms of basic plant respiration and energy cycles. How plants secure the soil. Plant parts and functions</p> <p>Social Studies: Personal finance and economy Finance system Work opportunities Supply and demand</p> | <i>Transfer</i> | |
| | <p><i>Students will be able to independently use their learning to... (What relevant activity and/or performance will students be asked to do that applies the required skills and knowledge?)</i></p> <p>Phenomena: (Hook) - When we consider the year 2050 and the predicted milestones and needs, how will agriculture play a role?</p> | |
| | <i>Meaning</i> | |
| | <table border="1" style="width: 100%;"> <tr> <td style="width: 50%; vertical-align: top;"> <p>UNDERSTANDINGS</p> <ul style="list-style-type: none"> ● Describe non-fiction text features in the text and apply those for finding and understanding new information. ● Understand the basics of plant respiration ● Roles of plants ● Describe parts and functions of plants ● Understand agricultural careers </td> <td style="width: 50%; vertical-align: top;"> <p>ESSENTIAL QUESTIONS</p> <ul style="list-style-type: none"> ● What are the non-fiction features used in this book, and how do they help the reader? ● What are the six basic plant parts and what do they do? ● Besides traditional farming, what other jobs can you have in agriculture? ● When we consider 2050 and the predicted milestones and needs, how will agriculture play a role? ● Why is the plant kingdom vital for all life on earth? ● How is plant respiration tied to the energy cycle in plant life on earth? </td> </tr> </table> | <p>UNDERSTANDINGS</p> <ul style="list-style-type: none"> ● Describe non-fiction text features in the text and apply those for finding and understanding new information. ● Understand the basics of plant respiration ● Roles of plants ● Describe parts and functions of plants ● Understand agricultural careers |
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| Acquisition | | |
|----------------------------|---|--|
| | <p><i>Students will know...</i></p> <p>The importance of plants in our day to day existence</p> <p>Agricultural Career opportunities and the importance of filling these roles</p> | <p><i>Students will be skilled at...</i></p> <ul style="list-style-type: none"> ● Describe non-fiction text features in the text and apply those for finding and understanding new information. ● Understand the basics of plant respiration ● Roles of plants ● Describe parts and functions of plants ● Understand agricultural careers |
| Stage 2 - Evidence | | |
| Evaluative Criteria | Assessment Evidence | |
| | <p>PERFORMANCE TASK(S):</p> <p>Observation</p> <p>Flow chart, diagrams</p> <p>Make your own plant with various parts and labels</p> <p>Measure actual plant growth</p> <p>Sharing</p> | |
| | <p>OTHER EVIDENCE:</p> | |



Stage 3 – Learning Plan

Summary of Key Learning Events and Instruction

*What activities, experiences and lessons will lead to achievement of the desired results and success at the assessments?
How will the learning plan help students with Acquisition, Making Meaning and Transfer?
How will the unit be sequenced and differentiated to optimize achievement for all learners?*

WHERE TO

- Where
- Hook
- Equip & Experience
- Rethink
- Evaluate
- Tailor
- Organize

Read the book *Plant Something for ME* to Students

ELA:

<https://www.k12reader.com/worksheet/natural-resources/>

<https://www.k12reader.com/worksheet/plants-are-producers/>

<https://www.ereadingworksheets.com/reading-comprehension-worksheets/nonfiction-reading-test-carnivorous-plants.pdf>

<https://www.ereadingworksheets.com/reading-comprehension-worksheets/nutrition-facts-comprehension-activity.pdf>

<https://www.k12reader.com/worksheet/ecology-taking-care-of-earth/>

Math:

Plants can do math.

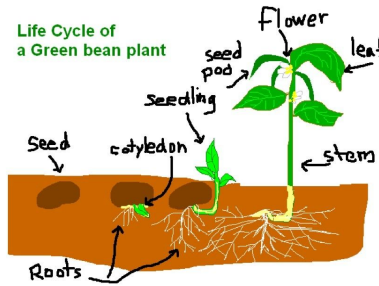
https://www.youtube.com/watch?v=G2eNa9fWY_k

Book called Math in the Garden-Measuring growth of plant/recording it

<https://www.youtube.com/watch?v=9Vn-X2dqGpE>



Science:



Shelburne Farms: [Project Seasons](https://shelburnefarms.org/)

- Dress Up Like a Plant

<https://shelburnefarms.org/>

Social Studies:

[Global Crisis - Ted Talks](#)

[Journey 2050](#)

[Ag Explorer](#)

UbD Template 2.0 (<http://jaymctighe.com/resources/downloads/>)



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