

Jay Curriculum: Unit Cover Page

Unit title: Grow Me A Sunflower

Grade Level: K

Content Area(s): Science

Date Created: 06/05

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Year 1 Map & Template Development

- Map/Matrix Completed
- Material & Resources Listed
- Draft Design Template Completed
- Initial Draft Template Document

Year 2 Piloting

- Develop:
- Performance Tasks
- Other Assessments
- Scoring Rubrics
- Piloted

Year 3 Review & Complete Assessment

- Performance Tasks Development
- Other Assessments Completed
- Scoring Rubrics Completed
- Reviewed/Revised Templates

Year 4

- Full Implementation
- Benchmarks Established

Standard(s)/Performance Indicators:

C1
C2
H1
H2

Unit: Grow Me a Sunflower

Brief Summary of Unit/Topic

Summary:

Students will be introduced to the life cycle of plants. They will recognize that plants are a living organism, learn the four basic parts of a plant and know what plants need to live.

Stage #1: Identify Desired Results

Essential Question/s:

What are the parts of a plant?

What do plants need to grow?

What is the importance of sun or light?

General understanding/s (What is worth being familiar with?)

Plants are living.

Plants have needs.

Living things need light energy.

Students will know:

Plants are living organism.

Plants have four main parts.

Plants need water, air, light and soil

Plants get energy from the sun.

Students will be able to:

Observe and record data

Sequence the stages of plant growth

Label four plant parts and four plant needs

Explain that light gives energy to plants.

Enduring Understanding/s:

Stage #2: Evidence

What evidence will students have to provide in order to demonstrate that they have developed the skills, knowledge and understanding to successfully complete this unit?

Performance Tasks/Products/other assessments Performance tasks should have a <u>scoring guide</u> .	<i>Performance Indicators</i> for this task.* Example: ELA: C- 1,2,3 Science: B- 3,5,7 SS His: H- 2	<u>Modalities</u> K =Kinesthetic O =oral V =visual W =written	Are <u>examples</u> available to students ? Y, N, or N/A	Component of Local Assessment System? Y or N (See <u>aligned scoring guide</u> .)
Students will draw or label four main parts of plant	Science C1	V, W	Y	Y
Students will explain what plants need to live	Science C2	O, V	Y	Y
Students will explain or draw that the sun (or light) provides energy to live by observing/comparing plants without light.	Science H1, H2	O, V	Y	Y

*Abbreviate: English Language Arts= ELA, Career Preparation=CP, Modern and Classical Languages=MCL, Social Studies=SS, Visual and Performing Arts=VPA

Stage #3: Plan learning experiences & instruction

What teaching & learning experiences may equip students to develop & demonstrate the targeted understanding(s)? (activities/plans):

1. Each students will plant sunflower seeds
2. Bulletin Board, books, puzzles and materials will be set up for exploration and discovery.
3. Drawing and writing activities
4. Labeling parts of plants and plan needs
5. Literacy activities
6. Observation and discussion
7. Drawing and demonstrating sun/energy for plants

REFERENCES:

(* All materials and books for Planting Unit are in Science Tub in Kindergarten rooms. Soil and seeds for planting are locally purchased yearly.)