



Grade:

Adaptable K-2

Subject:

Science, ELA

Lesson

When the Flowers Bloom

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SUMMARY:

This arts enhanced lesson for Deaf and hearing students is part of the Enhance Arts Project You, Too! web series featuring educational arts content geared toward K – 2 students. This lesson integrates dance and an innovative multilingual approach—featuring ASL (American Sign Language), English and the language of dance.

In this lesson students learn about the life cycles of plants, and create an original dance to demonstrate about the life cycle of a flowering plant.

OBJECTIVES

- Students will model the life cycle of a plant through dance.
- Students will learn the parts of a plant by demonstrating the plant life cycle.
- Students will learn what a plant needs to live and grow.

COMMON CORE STANDARD

Life Sciences - Growth and Development of Organisms, Structure and Function, Ecosystems - K-LS1-1, 1-LS1-1, 1-LS3-1, 2-LS2-2, 3-LS1-1



Teacher Resources

CREATIVE MOVEMENT IN THE CLASSROOM WORKBOOK

This free resource is an introduction to basic Creative Movement teaching strategies for Arts Integrated lessons.

No previous dance experience needed to use these teaching ideas.

Every Enhance Arts lesson plan by Celeste Miller uses strategies from this mini-workbook.

They are **highlighted** in the lesson plan.



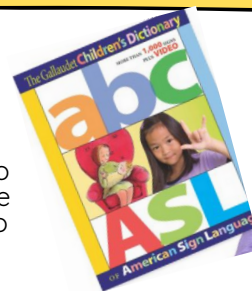
Use this QR code to download your free copy or access online

The Gallaudet Children's Dictionary of American Sign Language

An ASL-English Dictionary Available in Two Formats:
Hardcover and Online Video.



Use this QR code to take you to the free online version, or to order a hardcover version.



Signing Savvy: Sign Language Resource



This free site has videos to match each sign. Type the word you are looking for in the search bar and watch the movement of each sign.



Use this QR code to take you to the Signing Savvy site



Lesson

When the Flowers Bloom

Introduction:

Students watch the video called “When the Flowers Bloom”. It is an ASL poem.

After watching the video students will practice the ASL signs they learn from the video; and we then make their own Creative Movement dances about the life cycle of plants.



Materials:

Video: Enhanced Arts: When the flowers bloom



Plant Cycle picture books



Teacher Resources:

- Creative Movement in the Classroom
- The Gallaudet Children’s Dictionary of American Sign Language
- Signing Savvy Website



Lesson

When Flowers Bloom

ENGAGE:

1. Prepare students to watch "When Flowers Bloom".

Instruct: "In this video you will see and hear a poem in ASL that tells the life cycle of a plant. After we watch the video, we will make our own Creative Movement dances about the life cycle of a flowering plant."

2. After watching the video, engage students in discussion:

- What was the main idea?
- What are three details from the video?
- What signs do you remember from the video?"

3. Deepening Questions

- What happens in the beginning of the video?
- What season and weather changes are presented in this video?
- What happens in the end?
- What are some ASL signs that you remember from the video? Let's do them together.

EXPERIENCE:

Instruction: Let's create a poem about a seed that grows into a flower that we can use to make a dance.

Guide student discussion, to generate a sequence. Here is a sample sequence


- A Seed in the ground
- Pushing its roots down
- Pushing its sprouts up
- Growing taller
- A bud forms
- The bud opens into a flower
- Nourished by sunlight, it grows
- Nourished by rain, it grows
- Uh oh! A heavy thunderstorm might break that flower!
- Luckily the storm moves on
- The flower straightens back up
- At season's end, its blooms fades, petals drop
- Seeds are revealed
- Seeds drop to the ground
- Ready for next spring and a new plant to grow.



EDUCATE:

Create a dance chart similar to the one below for the sequence you created with the class. Work with the students to fill in Dance. For Kindergarten, put an "X" to indicate whether they will use, shape, level and/or action. For 1st grade and above, students can write in more detailed notes. Below is a sample for 1-2 grade. This can also be done in verbal mode, without a chart. Or students can work alone or in a group to fill in their own dance charts.

Remind students of **Four Basic Dance Shapes, Levels, and Actions.**

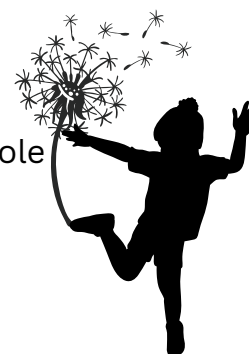
| What's happening? | Dance Strategy: Shape | Dance Strategy: Level | Dance Strategy: Action |
|--|--|---|---|
|  | Will you choose pin, ball, wall or twisted? | Will you choose low middle or high level? | What is the best action(s)? You may move, or stay in a shape. If you move: axial or locomote? |
| There is a seed | Ball shape | Low level | shape only, no movement |
| The seed sends roots into the ground | | | Push your limbs down and sideways like roots. |
| Sprouts push up through the soil | | | Push your limbs upwards like sprouts |
| Grow taller, the stem of the flower, maybe leaves, too! | Expanding to a pin shape | From low to middle level to high level | Stretching, moving taller |
| A bud forms! Will you be the stem with a bud? Or just the bud? | Just bud? Ball shape. Bud and stem, Pin shape. | | This might be an action and into a shape |
| Continue to develop this movement sequence chart for the life cycle of the flowering plant with the class. | | | |



At each stage, have children do the movement.

After the chart is completed, students put the whole sequence together to make a dance.

Suggestion for Music: See Workbook





EDUCATE 2.0

LIFE CYCLE OF A DANDELION:

Some seeds are dropped by the plant, but some seeds fly!



What is a cycle?
Using the dandelion
as the model, work
with students to
understand that this
is a CYCLE. Stories
have a beginning, a
middle and an end;
but CYCLES are
circular and repeat.

Key Vocabulary Words:

Seed
Roots
Leaves
Stem
Bud
Flower
Air
Soil
Sunlight
Water

Book suggestion: "Dandelions: Stars in the Grass" by Mia Posada,
published by Carolrhoda Books.



If it is seasonally appropriate, students can find a dandelion in
various stages. A seed, a bud, a flower, the flower gone to seed
but still attached to the stem, and a seed. They can also dig up a
plant and study the roots.





Dandelion Cycle Dance

INSTRUCTION: After students have learned about the dandelion cycle, you are ready to make a Dandelion Cycle dance!

ASK: What will be our starting point?
Will we start as a seed floating on the wind? As a full-blown flower? Or maybe as the seed nestled in the ground?

Work with the class to organize the correct sequence of events from the starting point.

EXAMPLE: Guide the students through a movement sequence.

Start as full blooming dandelion flower,
Perhaps swaying in the wind, soaking up sunlight, and rain fall.

The petals fold up and fall away and in their place are tiny tufts with tiny seeds attached.
Imagine yourself as a light, tiny tuft with a tiny seed attached.

A gust of wind, or a child's wish, blows the seeds to new locations,
Move as if you are being carried by the wind, or the gentle puff of a child's breath.

The seed drops into the soil,
The wind stops, the seed drops into the soil.

Where roots burrow into the earth
Pretend your legs are like roots digging into the earth.

Sprouts push above the earth
Pretends your arms are like sprouts pushing out of the earth.

A bud is formed and a new flower opens
Change from a closed tight bud into an open flower.

(Repeat the sequence several times to help students understand that this is a cycle)

Ask for a different starting point.

What happens if we start with the gust of wind?
Repeat the new sequence several to reinforce the idea of a cycle.

First and Second Grade Students can work in small groups to create their own cycle dances and then share with the class.





EVALUATE

Answer Me In Movement: (Dance Strategy)

Instruct: Let's all start as a seed, show me in movement what happens next?

Recall

As students describe the life cycle of the plant, or specifically the dandelion, are they using the Key Vocabulary Words?

ENHANCE

What is another cycle that we know about?

- Water cycle!

Apply the same lesson idea for dance-making to the water cycle.

