

Everything is planned for you!

Planning Page - Science Center

Life Cycles Unit - Lesson 2

lies:

Learning Objectives:

Guiding Questions- Pumpkin Life Cycle

Life Cycles Unit - Lesson 2

Have you ever been to a pumpkin patch?

Activate prior knowledge by allowing students to discuss their experiences of visiting a pumpkin patch.

Using your senses, you notice about the

FEELS:

- bumpy, smooth, cold

LOOKS:

- round, small, big, orange, spotted

SOUNDS:

- knock on the pumpkin - what do you hear?

SMELLS:

- cut open the pumpkin, sniff and smell something

**Remind students that we

Pumpkin Play Dough

Observation - Pumpkins

Life Cycles Unit - Lesson 2

What do you notice about the pumpkins?

Observing with all the senses early learners to discover. Adding a variety of pumpkin makes this science center.

Recommended Supplies

- small pumpkins
- small gourds
- magnifying glasses
- digital scale
- fabric tape measure

Procedure:

1. Print the "I can" statement center at students' eye-level.
2. Place appropriate tools for students to explore. *senses to observe, but we never*
 - weigh → scale
 - count seeds → plate, tongs
 - feel → bowl, plastic gloves
3. Allow students time to work with pumpkins at the science center.

Scientific Investigation - Pumpkin Life Cycle

Life Cycles Unit - Lesson 2

What is the life cycle of a pumpkin?

Help young learners explore with this engaging science center and pair with hands on items they match the items in the seed becomes a pumpkin.

Recommended Supplies

- pumpkin seeds
- small fake sprout
- yellow silk flower

Procedure:

1. Print the Pumpkin Life Cycle board on construction paper and make a complete circle.
2. Provide items for the science center as seeds, a small fake sprout, and a small orange pumpkin.
3. Students read the circle and show the stages of a pumpkin's life cycle.
4. Alternatively, the poster can be made on a poster board and held together with a loop of tape to hold match items nearby to store.

Book Recommendations - Pumpkins

Life Cycles Unit - Lesson 2

Seed, Sprout, Pumpkin, Pie by Jill Esbaum

In this early reader, you'll explore the journey of a tiny seed as it grows into a big, orange pumpkin ready to become a delicious pie. Discover the amazing transformation from sprout to a tasty treat!

Pumpkins! by Hope Aicher

Within the pages of this book, students will dive into the world of pumpkins. From their vibrant colors to their many uses, students will learn all about these fascinating gourds and how they play a part in our lives.

Life Cycles - Pumpkins by Robin Nelson

Students will embark on a journey through the life cycle of pumpkins in this book. From their beginning as seeds to their growth into big pumpkins, students will discover the amazing stages that lead to the harvest.

Guiding questions to help promote discussion

Teacher planning page with objectives, fun facts, supply lists

Teacher-Recommended Book List

Step-by-step directions for each activity.

Pumpkin Language Board



pumpkin



seed



sprout



plant



flower

Language Board with detailed pictures



4 Full Color Resource Posters

Pumpkins are a type of plant.

Clear, concise sentences to reinforce the concept.




Clear pictures to attract students' attention.





4.2


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STEM & Literacy


I can weigh the pumpkin.

 12.34

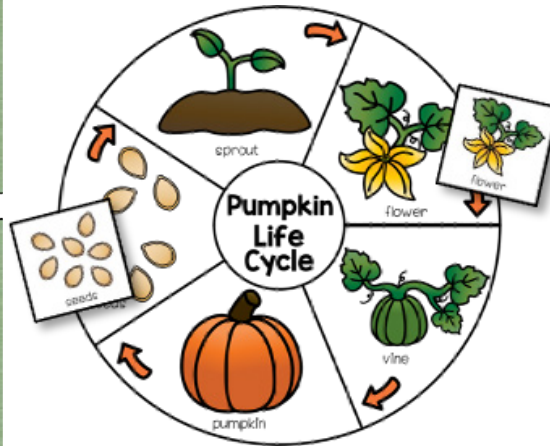
I can measure around the pumpkin.


I can feel the inside of a pumpkin.



I can measure the height of the pumpkin.



I can observe the pumpkin.



I can count the pumpkin seeds.




Vocabulary Tracing Cards


 seeds


 pumpkin


 plant


Hands-on Investigations





pumpkin

 a round fruit that is usually orange

seeds

 the parts of the pumpkin that grows into a new plant

sprout

 a tiny growth that comes from a seed

plant

 a living thing that grows from the ground

flower

 a colorful part of a plant that grows into the fruit

vine

 the long, thin stem of the plant

Vocabulary cards to hang around the science center

Take Home Mini-Books

Practice facts learned in class

Black & White
2 copies/page

We can pick pumpkins

The flowers grow into pumpkins.

The plant grows flowers.

The sprout grows into a plant.

The seeds begin to sprout.


We plant the seeds in the ground.

Pumpkins have seeds.

Pumpkins are a plant.

All About
**The Life Cycle
of a
Pumpkin**

Name _____



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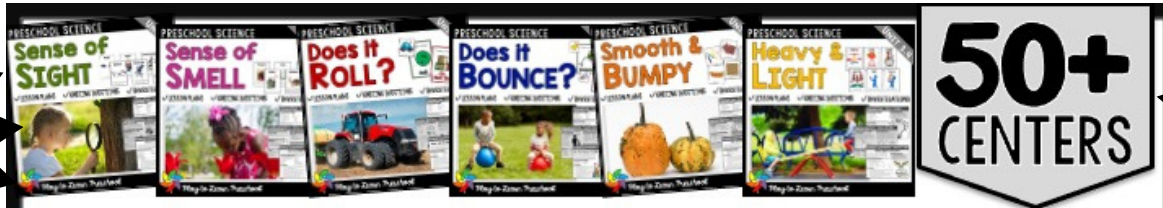
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Send home for additional practice



Looking for More Preschool Resources?

**SAVE
\$\$\$**



**SAVE
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HANDS-ON

SCIENCE

PRESCHOOL CURRICULUM

YEAR-LONG LESSON PLANS



8 COMPREHENSIVE UNITS

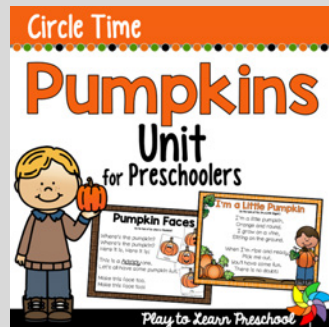
Have fun playing and learning with your students!



Meet Jamie

Jamie is the founder and C.E.O. of Play to Learn Preschool. She has her bachelor's degree in Early Childhood Education and a master's degree in reading education. She has taught in both public and private schools and works tirelessly to create meaningful and delightful preschool experiences for both her virtual and in-person preschool students.

Additional Resources:



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