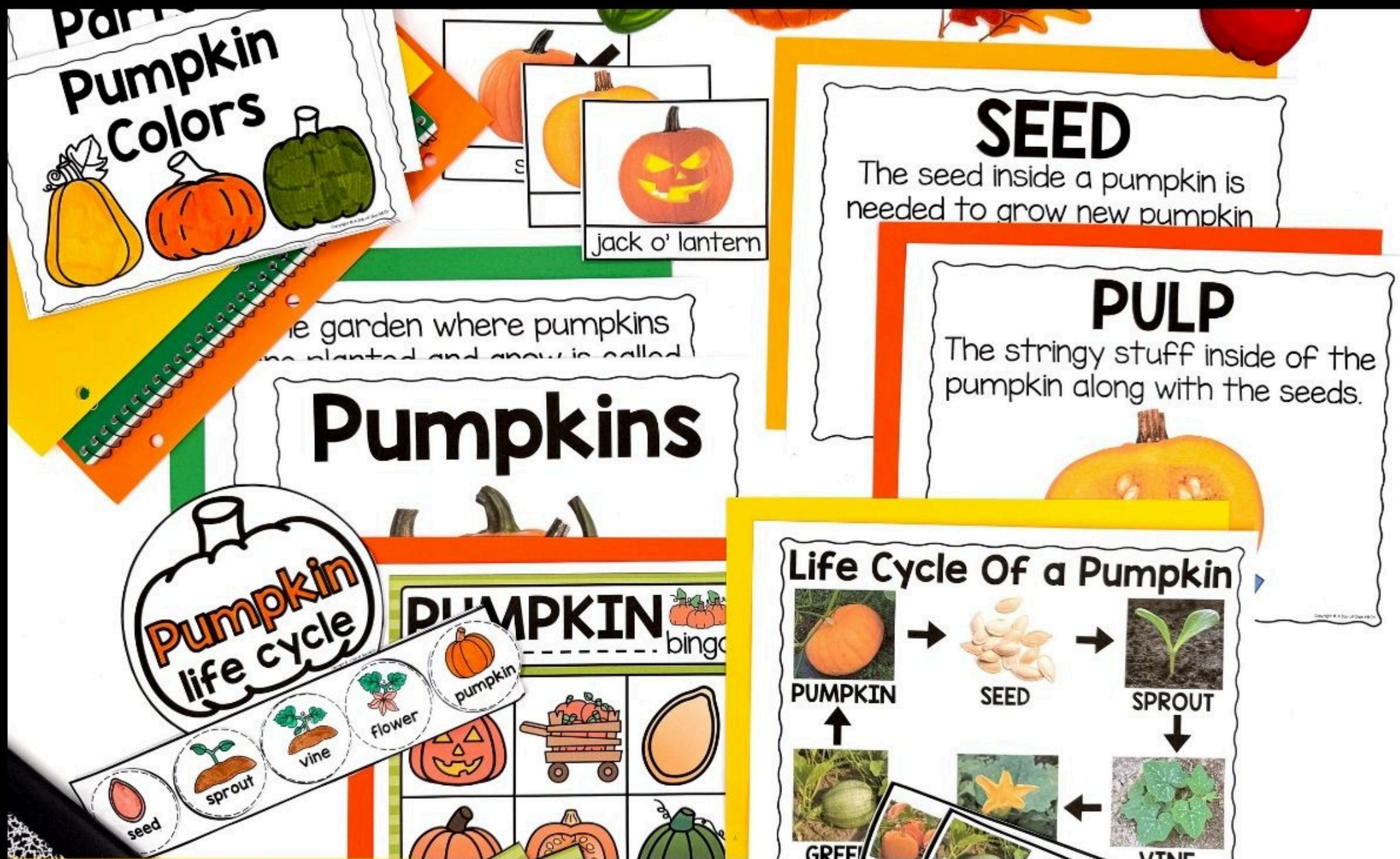


PUMPKINS

A SCIENCE UNIT



Make learning about pumpkins fun and engaging!

scroll
to take a
peek
inside

PRE-K 23 activities

Here is what is included:

- ✔ Lesson plans for a week
 - ✔ PowerPoints and printable posters
 - ✔ Teacher resources to make instruction easier
 - ✔ Pumpkin life cycle hat and activities
 - ✔ Emergent readers
 - ✔ Worksheets and STEM activities
 - ✔ Writing center materials
- ...and SO much more!

Here is a Sneak Peak:

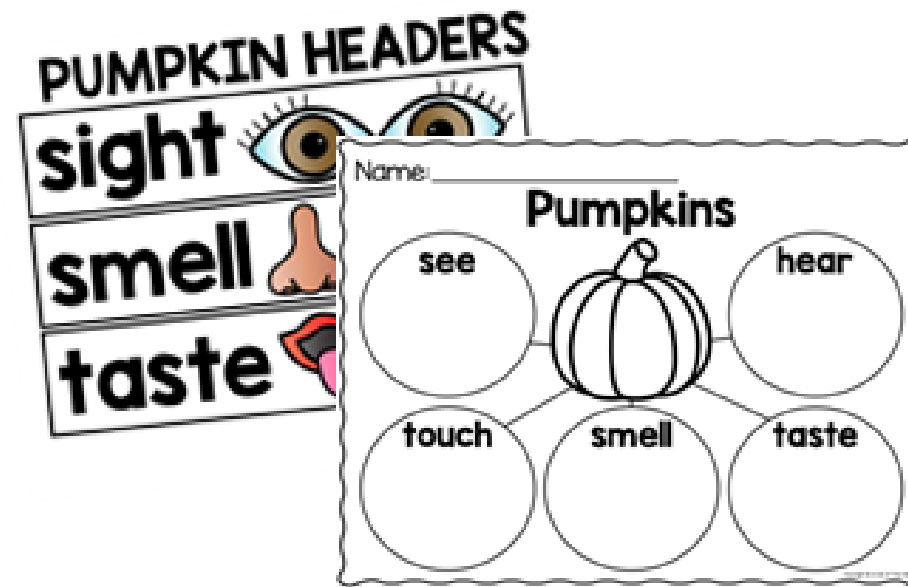


Engage your students in hands-on learning and exploration all about pumpkins!

Take a Closer Look:



pumpkin powerpoint



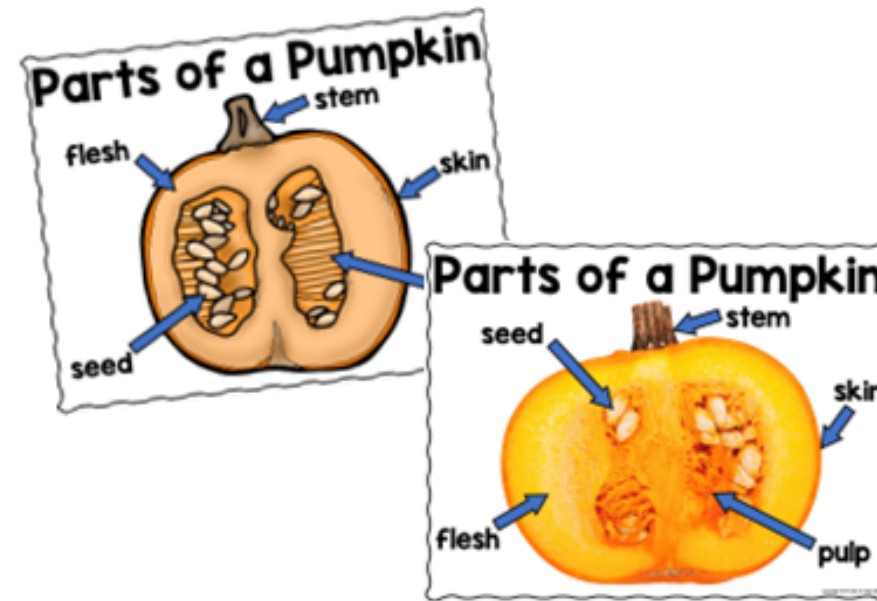
five senses activity



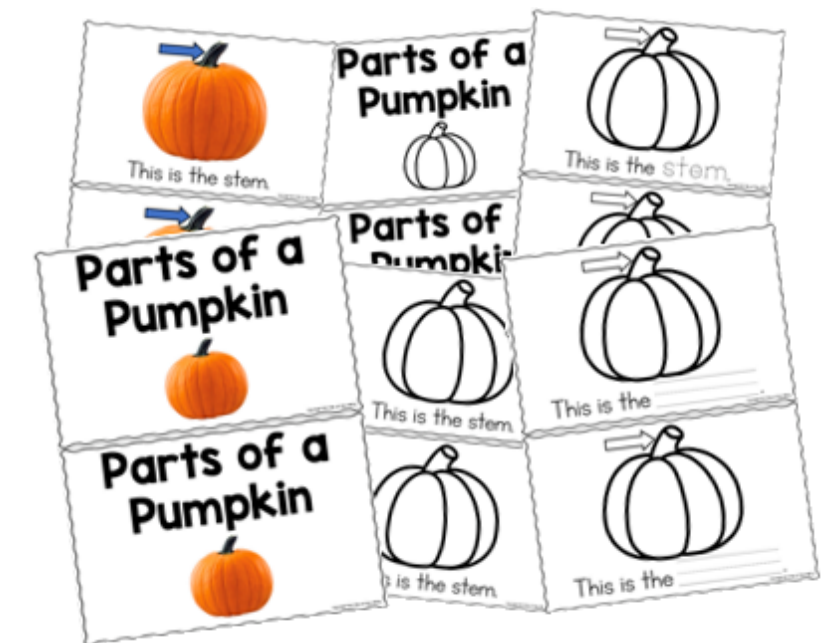
fingerplay



colors reader



parts of a pumpkin

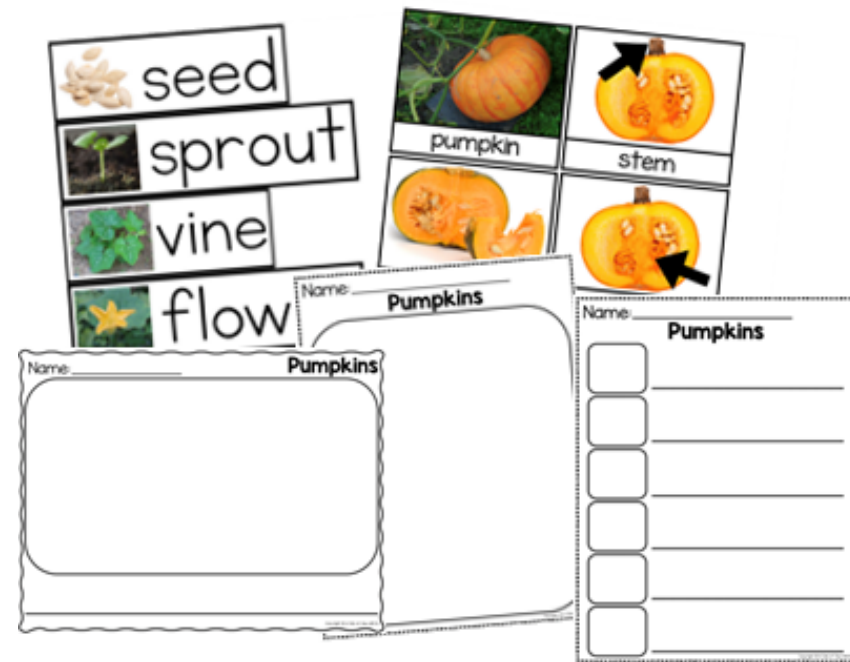


parts reader

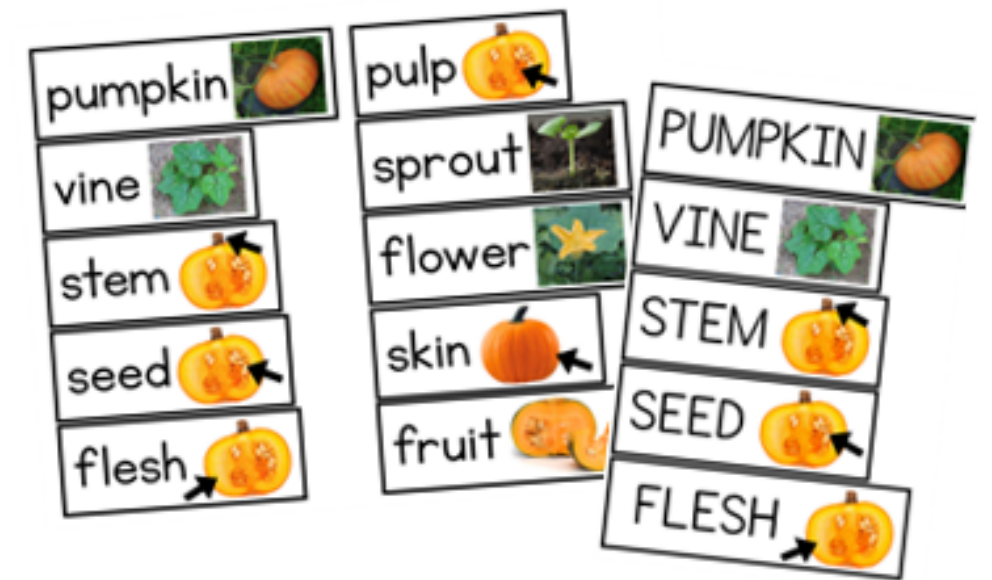
Take a Closer Look:



definition posters



writing center

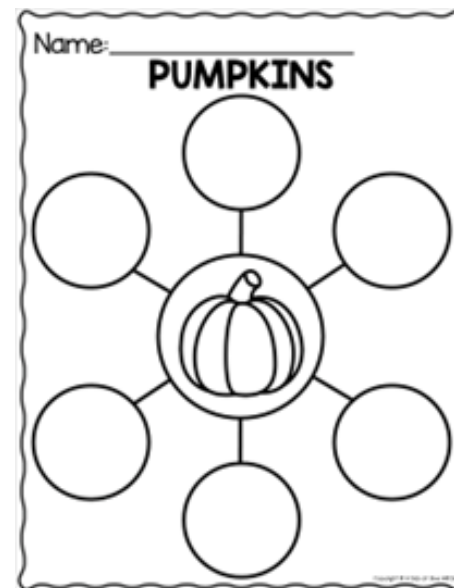


word wall



YES NO

weekly question



circle map



bingo game

Take a Closer Look:

PUMPKIN science

MATERIALS needed

- Pumpkin books (see list)
- Copy paper
- Construction paper
- Glue
- Coloring tools
- Pumpkins
- Hubb hoops or posters
- Apple & pumpkin pie
- Sissors

M Monday	PUMPKIN INTRODUCTION -Read a nonfiction pumpkin book. -View Pumpkins PowerPoint. -Observe and explore real pumpkins. Using provided headers, work with students to create an anchor chart that describes what they see, hear, smell, touch, and taste when exploring pumpkins. -Sing Fitzgerald's 5 Little Pumpkins Sitting in the Patch. -Complete Pumpkin Colors Emergent Reader. -Each day please see our selection of Pumpkin songs, books, and videos!
T Tuesday	PARTS OF A PUMPKIN -Read a nonfiction pumpkin book. -Using the parts of a pumpkin posters, observe and explore a pumpkin, noting the skin, stem, flesh, pulp, and seeds. -Complete Parts of a Pumpkin Emergent Reader. -Complete parts of a pumpkin worksheet.
W Wednesday	PUMPKIN LIFE CYCLE -Read a nonfiction pumpkin book. -Discuss the life cycle of a pumpkin using the pumpkin life cycle posters. -Make life cycle hat or complete life cycle emergent reader.
Th Thursday	PUMPKIN STEM -Read a nonfiction pumpkin book. -Make a class graph "Have you ever picked a pumpkin?" -Complete a pumpkin STEM Activity.
F Friday	APPLE VS. PUMPKIN VENN DIAGRAM -Read a nonfiction pumpkin book. -Complete Apple and Pumpkin Compare Activity. -Taste test apple and pumpkin pie. -Complete worksheet.

lesson plans

science: Pumpkins

Dear Families,

We are learning all about pumpkins in the classroom this week. We will be exploring the parts of a pumpkin and the pumpkin life cycle. We will be looking at the inside of a pumpkin, discussing what people use pumpkins for, and learning other fun facts about pumpkins.

At Home Activity:

To learn about pumpkins at home, take a virtual field trip to a Pumpkin Patch! Explore the pumpkin life cycle and pumpkin varieties. Learn when to harvest them. Meet a pumpkin farmer and see how pumpkin seeds are harvested.

Virtual Pumpkin Field Trip - <https://www.youtube.com/watch?v=nt-Gn0ubA9g>

at-home letter

TEACHER GUIDE for PUMPKINS

PUMPKIN VARIETIES

- Pumpkins are a type of squash and also a gourd. Squash is a family of plants. A gourd is a fleshy, large fruit with a hard skin.
- Pumpkins are seed bearing so they are considered a fruit, although we often refer to them as vegetables.
- There are over 150 species of pumpkins and hundreds of varieties of many different shapes, colors, and sizes.
- Pumpkins belong to the plant family "Cucurbitaceae," or "cucurbits" for short. There are 4 main types of pumpkins: Pepo, Moschata, Maxima, and Mixta.
- Pepo pumpkins can be orange or green, are small to medium in size, and are used for carving, cooking, and baking. These are the pumpkins most people are accustomed to.
- Moschata pumpkins are usually more tan than orange, are medium sized, usually more oblong than round, and are used in pies and for carving.
- Maxima pumpkins can be orange, blue, and blue-green, vary from small to large, and can be used for winning "best in show" prizes due to how big they can grow.
- Mixta pumpkins can be many different shapes, colors, and sizes, and are used as decorations or for cooking.

DID YOU KNOW?

The Guinness world record for the heaviest pumpkin went to Stefano Genuati in Italy for his 2702-pound pumpkin.

PARTS OF A PUMPKIN

rate climates, pumpkins are planted in early to seeds are large and need lots of space (4 feet be exact) and full sun to grow. sign of growth are big green leaves and the if a vine.

big yellow male and female flowers will bloom fly, bees will take care of pollination to harvest when the pumpkin is bright orange e looks like it is dying out

WOW?

the pumpkin plants are very important in aves soak up nutrients from the sun and skins in shade so that they do not get te sun.

PARTS

the stem is green and attached to the y tendrils are green during growing season

skin is ripe, the stem turns brown and i

is wrap around fence posts and other anchor the pumpkin and the vine.

nd a pumpkin are known as ribs.

is meat, of the pumpkin is what can be ten.

W?

a pumpkin, the more rows of seeds it

teacher guide

SCIENCE CENTER for Pumpkins

GETTING STARTED

Fill your center with lots of fun materials that your kids can use to investigate and explore pumpkins. Don't forget to include some books and vocabulary cards.

SHARING TIME

In a group setting of your choice ask, "Who were my scientists today?" At this time those who went to the science center have a chance to tell the class what they discovered or observed and any questions they may have. We have a list of open-ended questions in this unit.

If a child makes an exciting discovery in the science center, they will surely want to share it with everyone, and it just can't wait! At this time, you can ask classmates to join you near the science center so your little scientist can share their findings and

science center

QUESTIONS TO ASK for PUMPKINS

PUMPKIN LIFE CYCLE

Help students remember the cycle by repeating and asking them to repeat it back.

Ask students to describe the cycle in their own words.

Take the life cycle posters outside and ask students to identify them in nature. They can find any different seeds, sprouts, or pumpkins.

Ask students to put the life cycle posters in order.

Ask students to draw pictures of pumpkins and discuss with their friends.

If you have already taught about pumpkins, ask students to compare one to another.

Ask students to design their own pumpkin and write about it.

SCIENCE talk

How would you know _____?

Why do you think that _____?

What else might have caused _____?

How can you explain your findings? Recall in your own words.

How was it different than _____?

How will you know if _____?

Do you think you could _____?

How did you decide _____?

Can you tell me about that? _____?

How does that work? _____?

Can you draw me a picture of your findings? _____?

What will happen if? _____?

What do you think is most important? _____?

What happened when _____?

How would you change if? _____?

How is this similar to something else you know? _____?

Can you think of another way _____?

Create a new solution.

How would you handle this problem/challenge/question?

science questions

PUMPKIN BOOKS

To help with the planning of your Pumpkin Unit, we have curated a list of our favorite pumpkin books!

Click anywhere on the page to be taken to our Amazon Favorites.

PUMPKIN SONGS

To help with the planning of your Pumpkin Unit, we have curated a list of our favorite pumpkin songs!

- Five Little Pumpkins
- The Jack O' Lantern Song
- How Do Pumpkins Grow?
- How Do Pumpkins Grow? (Pumpkin Life Cycle)

PUMPKIN VIDEOS

To assist with the planning of your Pumpkin Unit, we have curated a list of our favorite pumpkin videos!

- Dissect a Pumpkin
- Pumpkin Facts
- How Does it Grow?
- A Pumpkin Grows
- A Pumpkin's Life

resource lists

Take a Closer Look:



pumpkins reader



taste test activities



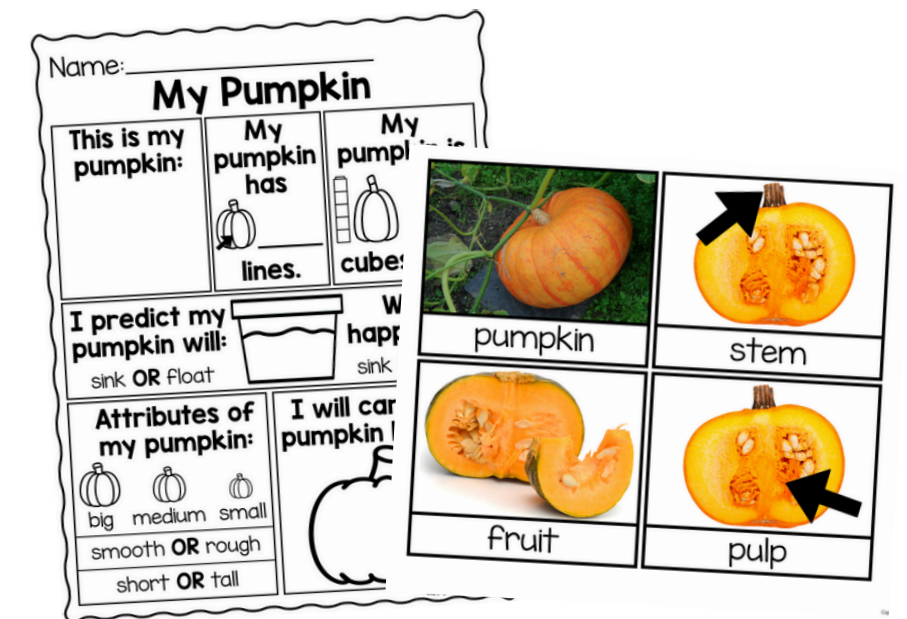
can-have-are



pumpkin surprise



sensory bin



and so much more!

Why Teachers LOVE it:



OPTIONS

- ✓ Variations for differentiating
- ✓ Printables in color and B&W



EASY TO USE

- ✓ Teacher Guide
- ✓ Printables
- ✓ Science Center and Questions



ENGAGING

- ✓ Real Pictures
- ✓ Fun Crafts
- ✓ Hands-on Activities



What Teachers Are Saying



“Such a great resource! I have really enjoyed using these activities in my classroom!”



“Great unit on Pumpkins, students were engaged in the activities and had fun!”



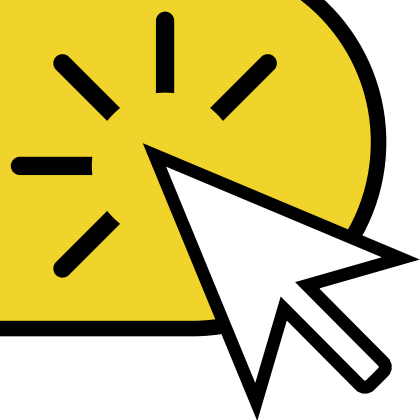
“This was perfect! Lots of activities, and I love that they weren’t all just pumpkin science related. The little books were a hit!”



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SCIENCE ENDLESS BUNDLE



PRE-K Over 40 units

meet the team

I'm Jennifer... I am the founder and creator of A Dab of Glue Will Do and Dollar Teachers Club. I taught Kindergarten and 1st grade. I have a stash of chocolate in my desk and a Starbucks tea in my hand to keep me going. I love reading and watching my kiddos play soccer and do taekwondo.

jennifer



Here at A Dab of Glue Will Do, our team makes the lives of busy teachers a little easier by creating meaningful classroom resources to engage, encourage, and meet the needs of their little learners.

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