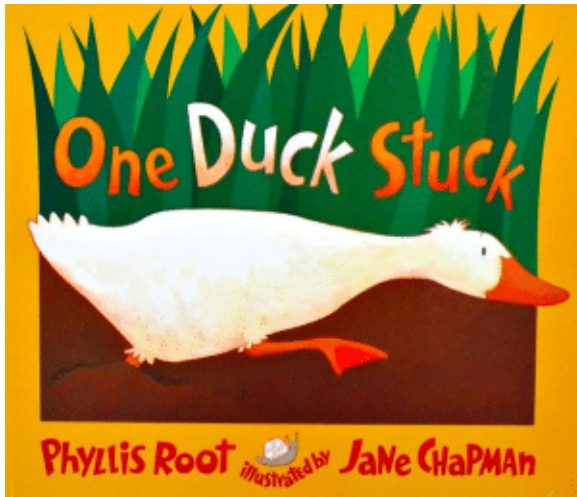




# ONE DUCK STUCK

STORYBOOK CONVERSATIONS WITH YOUR YOUNG CHILD

Every child is different, and these are only suggested adaptations and activities. Do what works best for encouraging your child's exploration during this literacy activity. Consult your pediatrician, physical therapist (PT), and/or occupational therapist (OT) first.



Did you know reading books is a great opportunity to support STEM learning?

*One Duck Stuck* is a book written by Phyllis Root and illustrated by Jane Chapman.

In this book, a **duck** gets stuck in the **sticky, squishy mud**. She sees lots of different animal friends in the marsh. Who can help pull her out?

- Check your local library to see if it allows you to borrow a digital version of this book to read on a laptop, tablet, or phone.



# ONE DUCK STUCK BOOKMARK

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- Print this page and cut around the edges.
- Do not forget to **PEER!** Use **additional Prompts** if needed, **Evaluate** and **Expand** your child's answers, and **Repeat** the prompts.
- Look at STEMIE's tips for making adaptations to the storybook reading process and on the following pages:  
<https://stemie.fpg.unc.edu/guide-book-adaptations>
- If you print this page, you can download or view online by scanning the QR code below.



## Expanding | Science & Math

### One Duck Stuck

By Phyllis Root

**C**

Complete a sentence

"The duck is \_\_\_\_\_ (stuck)."

**R**

Recall

"What animals did you see in the book?"

**O**

Open-ended questions

"How did the duck get unstuck?"

**W**

WH questions

"What is the mud like?"

**D**

Distancing questions

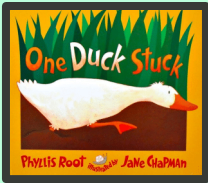
"What would you do if you were stuck in the mud?"

## STEM Words & Ideas to Explore

- Counting
- Living things
- Animals
- Habitat



[stemie.fpg.unc.edu](https://stemie.fpg.unc.edu)



# ONE DUCK STUCK ADAPTATIONS

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## SUPPORT CHILDREN WITH VISUAL IMPAIRMENT/DEAF-BLINDNESS/MULTIPLE DISABILITIES:

### STORYBOX

Select corresponding items and place them in a container/box. Items may include:

- Stuffed/Plush animals
- Braille number blocks
- Rubber duck



Image credit: Adobe Stock

### This adaptation can also...

- Increase children's attention and engagement
- Support children with sensory challenges



*Follow your child's lead and interests. Enthusiastically ask your child questions about what they are doing and what they like.*



*Answer your child's questions. If you do not know the answer, work together with your child to discover the answer.*



*Encourage your child to participate in the activity as much as possible. Praise your child's efforts and successes.*



# ONE DUCK STUCK ADAPTATIONS

STORYBOOK CONVERSATIONS WITH YOUR YOUNG CHILD

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## SUPPORT ALTERNATIVE WAYS OF COMMUNICATION:

### PICTURES, SYMBOLS, SIGNS, AND/OR ICONS

- Select pictures that correspond to items/objects/animals in the book
- Add signs and icons to the story
- Use pictures along with a communication board to support STEM learning



Image Credit: STEMIE

### This adaptation can also...

- Increase children's attention and engagement
- Support children' learning
- Support children who are deaf/with hearing impairment



*Follow your child's lead and interests. Enthusiastically ask your child questions about what they are doing and what they like.*



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VISUAL CUES:  
USE TO PROMPT

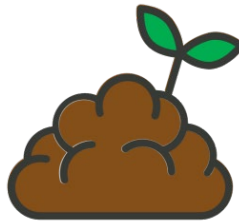
## HOW TO:

**Step 1:** Print and cut out the images. You can also create your own visual cues (empty squares included).

**Step 2:** As you read, use tape or Velcro to attach the pictures to the corresponding pages in the book.



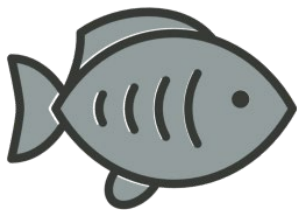
Marsh



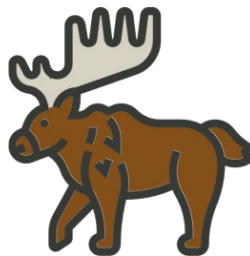
Muck



Help



Fish



Moose



Cricket



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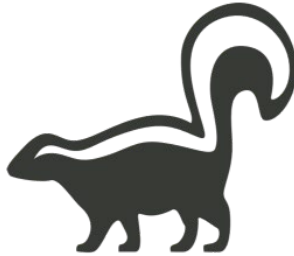
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Frog



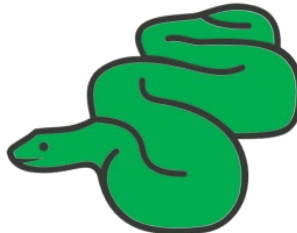
Skunk



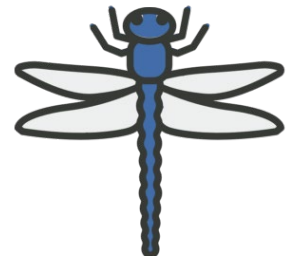
Snail



Possum



Snake



Dragonfly



One



Follow your child's lead and interests. Enthusiastically ask your child questions about what they are doing and what they like.



Answer your child's questions. If you do not know the answer, work together with your child to discover the answer.



Encourage your child to participate in the activity as much as possible. Praise your child's efforts and successes.





# ONE DUCK STUCK

## EXPLORATION I

STORYBOOK CONVERSATIONS WITH YOUR YOUNG CHILD

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### Animal Counter

**Description:** Help your child learn to **count**, **classify**, and take data by keeping a running record of animals (e.g., birds, bugs) they observe while they are outside playing or on a nature walk. Talk about what they saw the most of and why that might be.

#### What My Child Is Learning!

Children are naturally curious about their environment. Introduce STEM words, ask questions, and encourage them to identify **animals**. Help your child make a connection between words and real-life experiences and develop fundamental critical thinking and problem-solving skills, as well as math skills.

Give your child the lead to **count!**

- Ask, "**How many animals** (e.g., **birds, mammals, reptiles, bugs**) do you notice?"

Encourage your child to document their observations through creative arts and crafts (e.g., take/draw pictures).





# ONE DUCK STUCK

## EXPLORATION II

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### Nature Walker

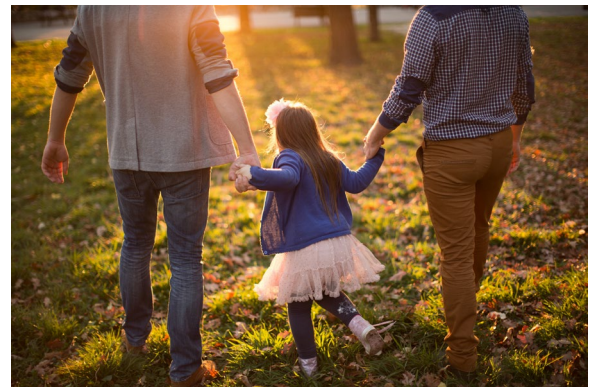
**Description:** Help your child **notice and identify living things**. Go on a walk together and encourage your child to be aware of any **animals** or places animals might **live**. Discuss why the **animal might live where they do**.

#### What My Child Is Learning!

Going on a nature walk will facilitate your child's creativity and provide them with an easy way to learn more about animals and their environments (or habitats).

Discuss why the animal might live where they do. Examples of questions you might incorporate include:

- "You're right, there is a bunny in the bushes! Why might it live there instead of in water?"
- "I see a worm wiggling in the dirt. Why might it live there? Do you think it is cold or hot in the dirt?"
- "You pointed at the bird in the tree. Do you think looking for food is easier or harder from up there?"





# ONE DUCK STUCK



## ADDITIONAL ACTIVITY IDEAS

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- Try visiting a nearby lake, creek, or pond to look for ducks and other animals. Ask your child, "What kind of animal is a duck?" "Where do you think they live?" "Why do they live near water? Do other birds like to live near water? Why or why not?" If you don't live near a body of water, try a virtual visit to the Mississippi River Flyway Webcam here: <https://explore.org/livecams/raptor-resource-project/mississippi-river-flyway-cam>
- Check out our Discovery Play Activity for Nature Scavenger Hunt
- Check out our Discovery Play Activity for Counting Things That Fly
- Talk with your child about what certain animals do. As an example, ask your child, "Can you see any animals that can fly? Do you think all animals are able to fly? Why or why not."
- Do an activity with your child with sticky material like tape or magnets. Talk about why some things stick and some things don't.

