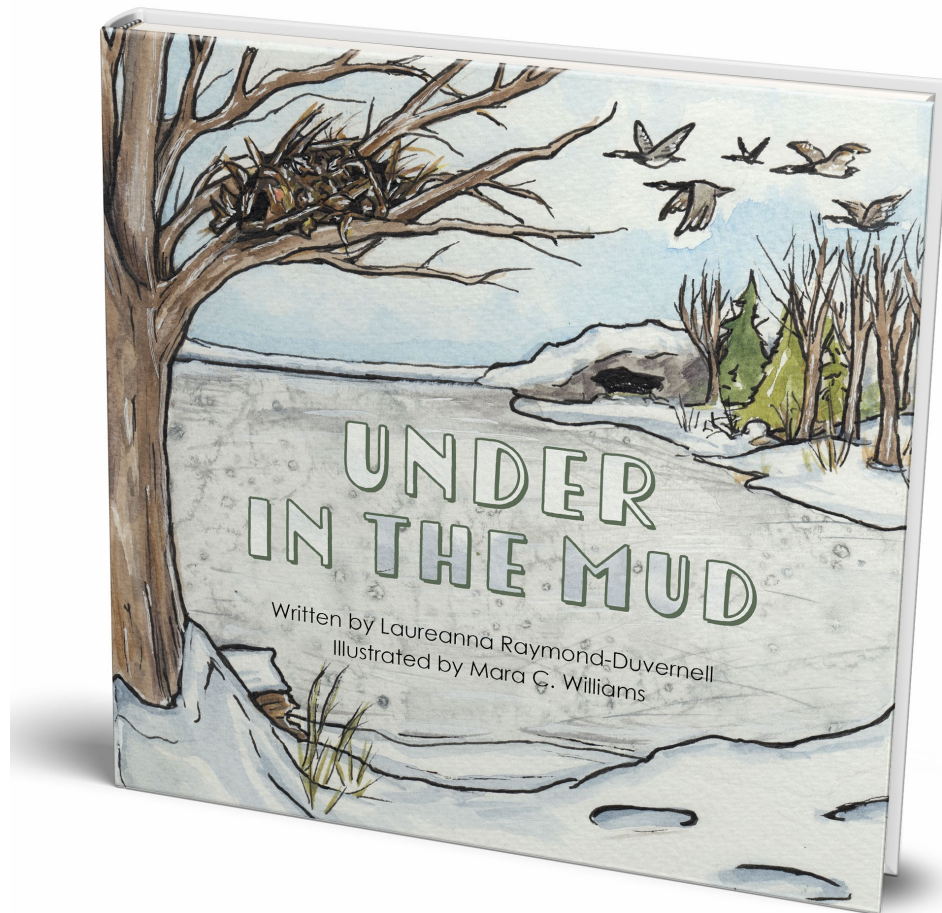


TEACHING GUIDE FOR  
**UNDER IN THE MUD**

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**WRITTEN BY LAUREANNA RAYMOND-DUVERNELL**

**ILLUSTRATED BY MARA C. WILLIAMS**

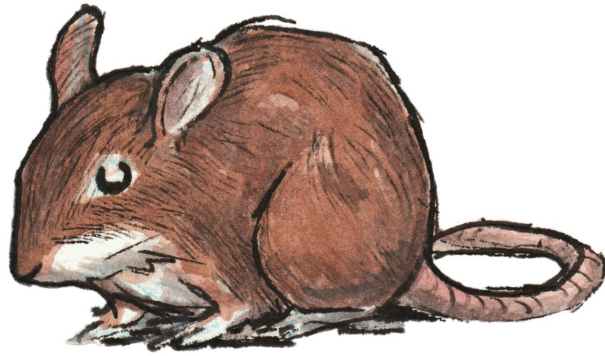
**IDEAS FOR GRADES PK-4**



## **TEACHING GUIDE**

### **Questions to Discuss Before Reading**

- What does the title of the book tell us?
- What does the cover of the book tell us?
- Will there be animals in this book?
- Will there be people in this book?
- What do animals do in the winter?
- What do people do in the winter?



## **TEACHING GUIDE**

### **Questions to Discuss During Reading**

- How do the colors in the illustrations make you feel?
- What rhyming words do you hear?
- What action words does the author use?
- What sounds do the animals make?
- How many animals are on this page?
- Is this animal a mammal/bird/insect/reptile/

# TEACHING GUIDE

## Ideas for After Reading

- Try activities from the Under in the Mud Activity Guide
- Create a list of places that animals shelter in the winter.
- Create a chart to sort the animals by how they survive in the winter. Do they hibernate? Are they active? Do they migrate?
- Have students act out the following lines from the book:
- Create a Venn diagram to show how you are alike/ different from animals in the winter
  - \* Frozen in mud
  - \* Coiled all together
  - \* Munching on acorns
  - \* Breathe, still and slow
  - \* Shiver 'round the queen
  - \* Gnaw and nibble on sticks
  - \* Hurrying to the south
  - \* Huddle to stay warm
  - \* Snuggle down to sleep
  - \* Relax in contentment
- Opinion writing: Which animal would you want to be? What reasons do you have?
- Narrative writing: What are your favorite winter memories?
- Create a list of words that rhyme with the numbers zero through ten. What poems or stories could you write with those words?





## TEACHING GUIDE

### Action Opportunities

- **SnowTweets** - Measure snowfall at your location and tweet that data to scientists at the University of Waterloo. Find them at [snowtweets.uwaterloo.ca/](https://snowtweets.uwaterloo.ca/)
- **Christmas Bird Count** - Count all of the birds that you see for one day during the winter for the National Audubon Society's Christmas Bird Count. Find more info at [audubon.org/conservation/science/christmas-bird-count](https://audubon.org/conservation/science/christmas-bird-count)
- **iNaturalist** - Take pictures of animals and plants that you see throughout the year and upload them via the iNaturalist app or [iNaturalist.org](https://www.inaturalist.org) online. Information and pictures are used to support global biodiversity studies.