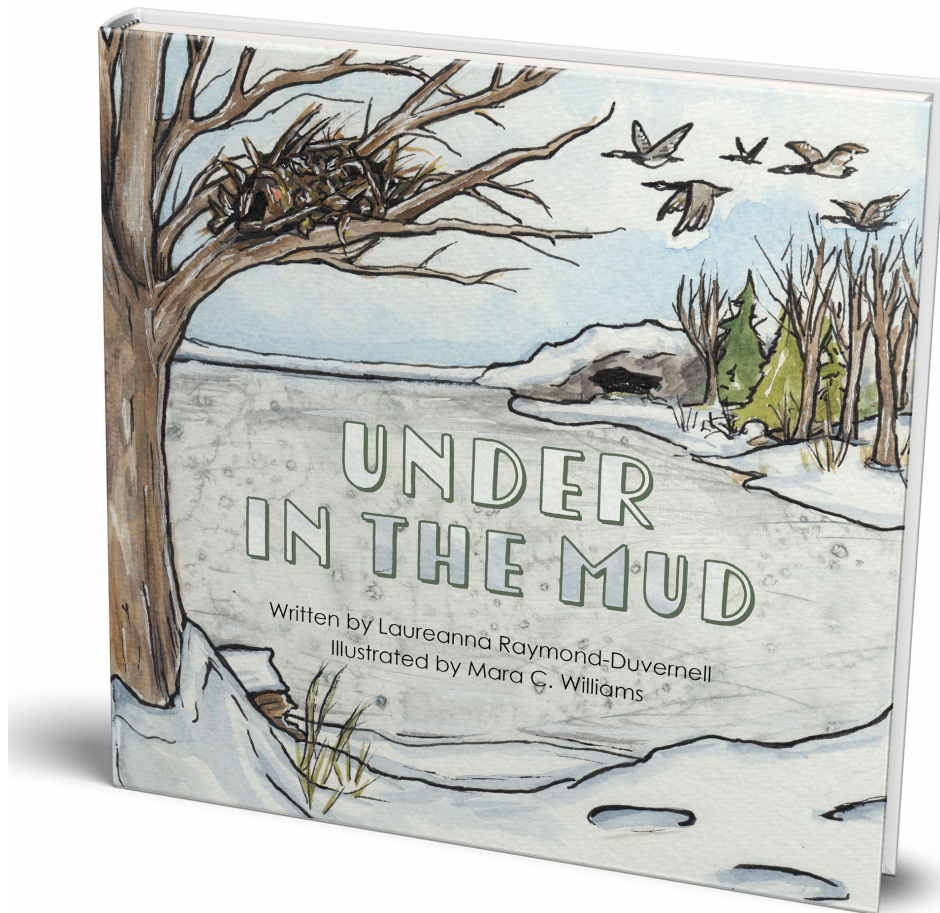


ACTIVITY GUIDE FOR
UNDER IN THE MUD

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GRADES PK-4




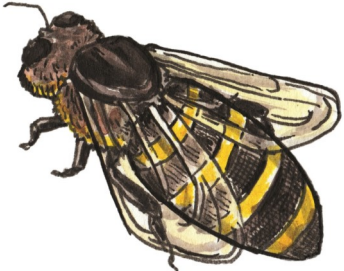


ACTIVITIES IN THIS GUIDE

Animal-Shelter Matching Cards
Sorting Animals by Winter Habits
Sorting Types of Animals
Winter Journal and Prompts
Graphing Temperatures
Building a Quinzee

ANIMAL-WORD MATCHING CARDS

Print pages onto cardstock and cut along lines.
Match animals pictures with their names. Or, print two copies
of this activity and use as a memory matching or
alphabetizing game.

	BAT	
FROG		MOUSE
BONUS ♥ CARD!	BEE	

BEAVER



SQUIRREL



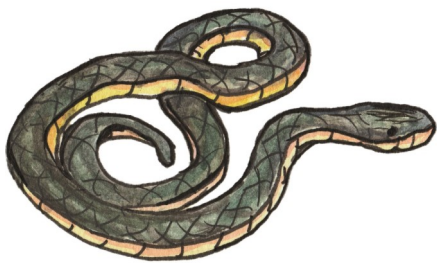
GOOSE



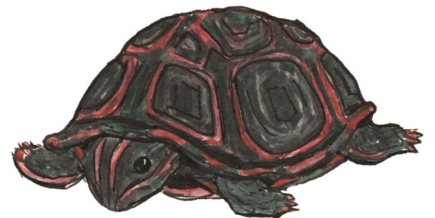
HUMAN



TURTLE



SNAKE



ANIMAL WINTER HABITS

Print animal and word pages onto cardstock and cut along lines.
Sort animals into three groups based on what they do in the winter.

HIBERNATE

These animals slow their bodies down and rest during the winter.

STAY ACTIVE

These animals still move around during the winter.

MIGRATE

These animals leave for warmer areas during the winter.

ANIMAL TYPES

Print animals and word pages onto cardstock and cut along lines.
Sort animals by type: mammal, bird, insect, reptile and amphibian.

MAMMAL

Mammals have fur, warm blood and feed milk to their babies.

BIRD

Birds have feathers, warm blood and lay eggs.

INSECT

Insects have six legs, no bones and lay eggs.

REPTILE

Reptiles have scales, cold blood and most lay eggs.

AMPHIBIAN

Amphibians breathe through their skin and lay eggs in the water.

WINTER JOURNAL

Print copies of the next four pages, cut and staple together for a simple nature journal. Go on a walk in the winter and either complete the pages as you walk, or when you return.

MY WINTER NATURE JOURNAL



NAME _____

Today's Date: _____

Weather today:



How I felt today:



Three things we did outdoors

1. _____
2. _____
3. _____

My favorite part of being outdoors was:

because

Today's Date: _____

Weather today:



How I felt today:



Three things we did outdoors

1. _____
2. _____
3. _____

My favorite part of being outdoors was:

because

YOUR THOUGHTS...

Choose one natural object outdoors and draw it.

Finish the following sentences about your object.

I notice...

I wonder...

It reminds me of...



YOUR THOUGHTS...

Choose one natural object outdoors and draw it.

Finish the following sentences about your object.

I notice...

I wonder...

It reminds me of...



WINTER WONDERS

What are some things you observe about winter?
Use your senses to observe winter and record how it feels, what you see, how it sounds, what you can hear and what it does to living and non-living things.

Use descriptive words to make your observations strong!



WINTER WONDERS

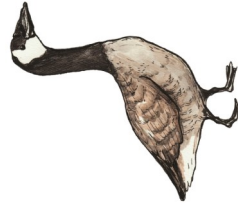
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CURIOSITY TREK

On your walk today, start to wonder!
Use the space below to write down questions
that you have while exploring outdoors.
Use **who, what, where, when, why, how,**
I wonder to help start your questions.



CURIOSITY TREK

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Use the space below to write down questions
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Use **who, what, where, when, why, how,**
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YOUR MAGICAL ANIMAL

Dream up an imaginary animal of your own.

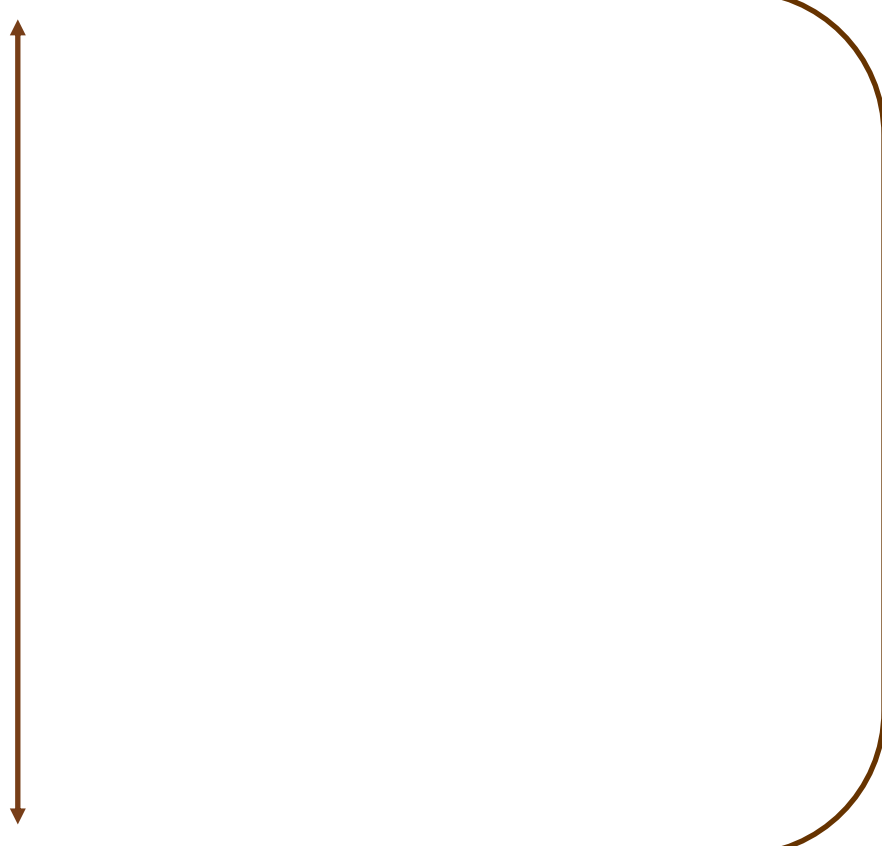
What is it called? What would it look like?

What would it eat? Where would it live?

What would it do in the winter?

What else do you want to share about it?

Draw or write your ideas here!



YOUR MAGICAL ANIMAL

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What is it called? What would it look like?

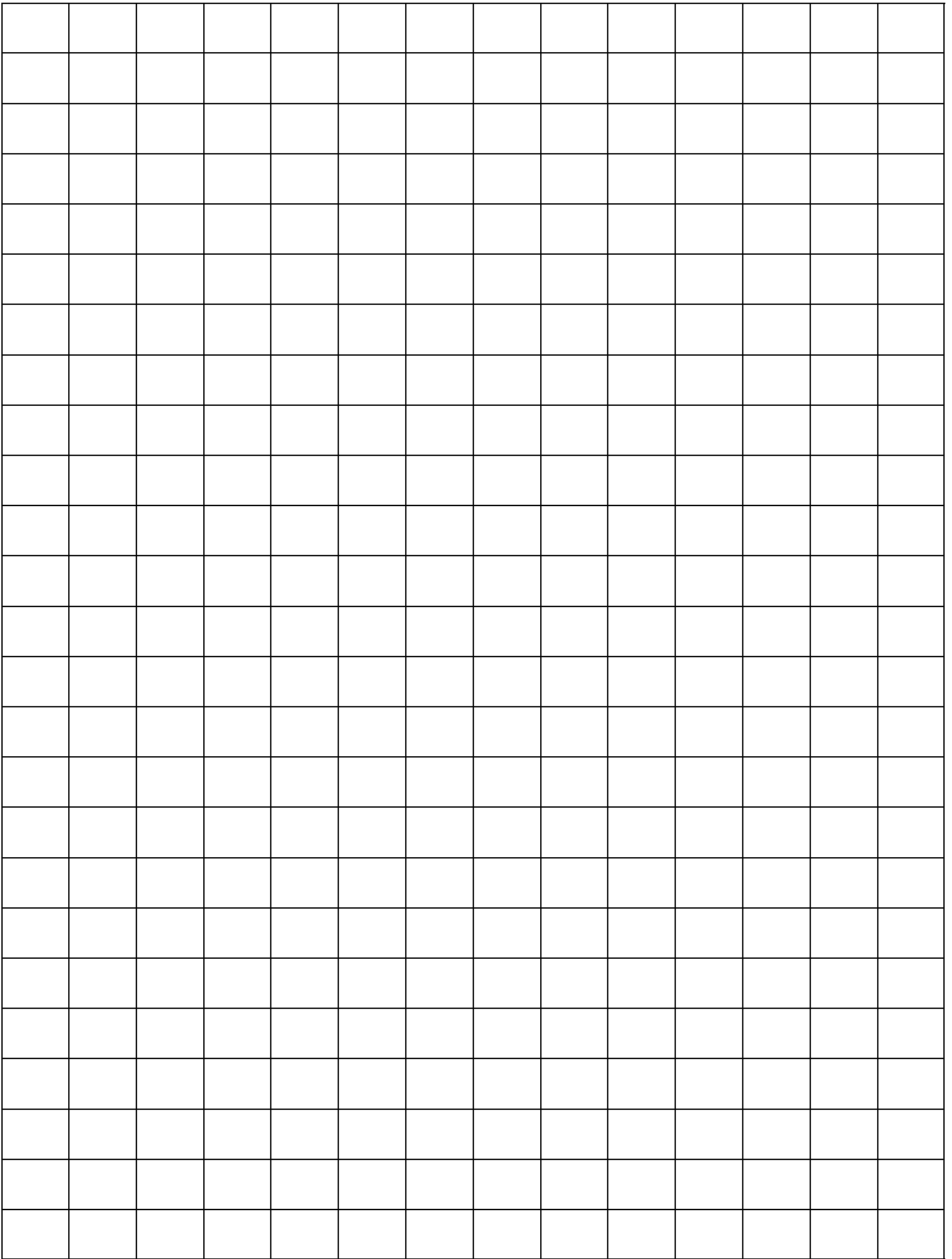
What would it eat? Where would it live?

What would it do in the winter?

What else do you want to share about it?

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BUILDING A QUINZEE

Use the illustrations below to build a quinzee over the course of a day or a few days. Find more information on YouTube or at

www.boyslife.com.



Step 1: Shovel a pile of snow into a mound 7 to 8 feet high and big enough around to hold two people once it is hollowed out. Mix snow of different temperatures to cause it to harden, or "sinter." Flip the snow over so it mixes when you pile it into a mound.



Step 2: Shape the mound into a dome and allow it to sinter for about 90 minutes. Then begin to hollow out the mound.

Dig a small entrance on the downhill side. Smooth out the walls and ceiling. The walls should be 1 to 2 feet thick. Poke measuring sticks through from the outside of the mound, so you will know to stop hollowing out the inside when you see the ends of the sticks. Hollow the shelter out from the top down.



Step 3: Use the last foot of snow to make elevated snowbeds. Dig a narrow trench between the beds all the way to the ground. This allows cold air to flow down and out of the quinzee. Poke a small ventilation hole near the top of the dome.

Building a quinzee will make you sweat. Prevent hypothermia by changing into warm dry clothes after you finish building your shelter.



Step 4: Make sure you mark your entrance in case it gets covered with snow while you are away having fun. Keep a small shovel inside in case you need to dig your way out.