

# GETTING STARTED

# with the MOUNTAINS

Your students are going to love learning all about the Mountain Habitat through exploration with real world connections, and you are going to love all that is packed in this habitat unit! This overview is set up to show you everything that is included and how it can be used best. Pick and choose what works for you and your students.

MOUNTAIN science	
<b>M</b> Monday	<b>MC</b> Read a non-fiction book about mountains. Write a paragraph about what you learned.
<b>T</b> Tuesday	<b>MOUNTAIN</b> Read a non-fiction book about mountains. Write a paragraph about what you learned.
<b>W</b> Wednesday	<b>MOUNTAIN</b> Read a non-fiction book about mountains. Write a paragraph about what you learned.
<b>Th</b> Thursday	<b>MOUNTAIN</b> Read a non-fiction book about mountains. Write a paragraph about what you learned.
<b>F</b> Friday	<b>MOUNTAIN</b> Read a non-fiction book about mountains. Write a paragraph about what you learned.

## LESSON PLANS

These comprehensive lesson plans are ready for you to integrate learning about the Mountain habitat into every aspect of your classroom. They are perfect for supplementing existing curriculum or pulling engaging activities when you're short on time.

**science: MOUNTAIN**

Dear Families,

We are excited to share with you the Mountain Habitat unit that your students will use. This unit includes hands-on exploration and activities that will help your child learn more about the Mountain habitat.

**At-Home Activities**

Learn and play with your child about the Mountain habitat. You can help your child learn about the different plants and animals that live in the Mountain habitat. You can also help your child learn about the weather and what the weather feels like in the Mountain habitat. You can also help your child learn about the different parts of the mountain. No mountains near you? Take a virtual tour of the Mountain habitat.

<https://www.wildkrill.com>

## AT-HOME LETTER

Send home these notes and let families know what their children are learning about in science. This letter also includes ideas for families to extend the learning at home.

**TEACHER GUIDE for THE MOUNTAINS HABITAT**

**WATER HABITATS**

Most habitats include a mix of water and land. Water habitats include rivers, swamps, oceans, lakes, ponds, marshes, and more. Some organisms can live in both water and land habitats. They are called amphibians.

**LAND HABITATS**

Land habitats include deserts, grasslands, and forests. Some organisms can live in both water and land habitats. They are called amphibians.

**AT THE MOUNTAIN**

Mountains are a special kind of land habitat. They are made of many layers of hard rock piling up and millions of years.

At the top of mountains, you find snow-covered peaks. The signs of life are different. Some animals live in the mountains. They are called mountain animals.

**IN THE MOUNTAIN**

Mountains are home to a wide variety of animals. Some animals live in the mountains. They are called mountain animals.

**DID YOU KNOW?**

Dolphins have the bodies to help them swim fast in the ocean. Giraffes have long necks to be able to eat leaves off tall trees. Turtles and tortoises have hard shells to protect their bodies.

Animals that live in the mountains include bears, grizzly bears, wolves, and mountain goats. Some animals live in the mountains. They are called mountain animals.

## TEACHER GUIDE

Everything you need to know for teaching about the Mountain habitat is ready for you in this guide. When students want to dig deeper, you will be prepared with fun facts to keep their interest and deepen their knowledge.

## SCIENCE CENTER for MOUNTAIN HABITAT

### GETTING STARTED

enthusiasm in just a short minute or two. You will need to create a sign or chart that displays your enthusiasm in the science center tomorrow.

### SHARING TIME

Share some books and vocabulary words with your science center.

Share your questions in the unit.

If a classmate asks you a question, you can ask classmates to join you near the science center so your little scientist can share their findings and

# SCIENCE CENTER

Use this guide for tips on how to set up your science center and keep students motivated to enter the science center each day to make new discoveries.

## QUESTIONS TO ASK for HABITATS

### HABITATS

Why are habitats important to live things? What habitats are near you?

### MOUNTAIN HABITATS

- What habitat would you want to live in?
- Why would you want to live there?
- Have you ever been to a mountain?
- Why do you go up the mountain?
- Why don't you live on the top of the mountain?
- What is a great mountain?
- What is a bad mountain?

## SCIENCE talk

How would you know if you think that...? Recall in...? What do you think is most important? What happened when...? What would you change if...? How did you decide...? How would you handle this problem/challenge/question?

# QUESTIONS

Encourage your students' natural curiosities with questions relating to the Mountain habitat. You may also print off the provided list of open-ended questions that can be used with any science lesson to encourage "science talk" with your class.

## MOUNTAIN SENSORY BIN IDEAS

Sensory tubs are wonderful for your students. They provide sounds, textures, and lots of fun. Ideas include: small pine trees with needles, woodchips, deer, etc.

# SENSORY BIN

Create a Mountain sensory bin for your students to play and explore in using our suggested materials and ideas.

## MOUNTAIN BOOKS

To help with the planning of your Habitats Unit, we have curated a list of our favorite Mountain BOOKS!

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



# BOOK LIST

To make planning easy, we have curated a list of our favorite Mountain habitat books that will engage your students while they learn new information.

## MOUNTAIN VIDEOS

To assist with the planning of your Habitats Unit, we have curated a list of our favorite Mountain VIDEOS!



# VIDEO LIST

To make planning easy, we have curated a list of our favorite Mountain habitat videos. Each picture is linked to the corresponding video.

# LESSON CONTENT

# for the MOUNTAINS



## MOUNTAIN POWERPOINT

This includes a PowerPoint to project on a smartboard and printable posters to use as a big book or display in your science center.

Mountain



## ANCHOR CHART

Using our provided header and mountain templates, make an anchor chart with your students throughout the week to show what they've learned.



## ANIMAL MATCH ACTIVITY

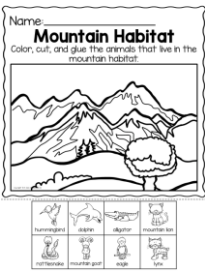
Students can sort and identify the animals that live in the mountains with this match activity. This can be done as a whole group activity or put into a center.



## EMERGENT READER

Students can practice one-to-one correspondence while reading this easy reader. After reading the book in whole group, copies can be put in the reading center or sent home for extra practice.





# ANIMAL CUT AND PASTE

After learning about the animals that live in the Mountains, students can complete this cut and paste activity.



# MY HABITAT BOOK

After learning about the plants and animals that live in the Mountains, students can complete this habitat book.



# HABITAT WRITING PAGES

As an alternative to the habitat book or additional activity, students can draw and label the habitat and 3 animals or plants that live in it.



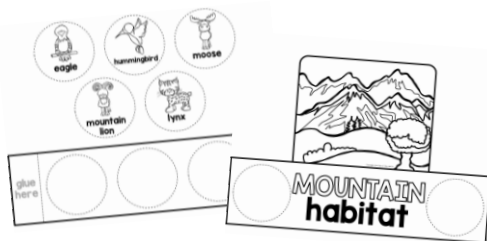
# HABITAT SLIDERS

Students can use these sliders as a reference to remember what plants and animals live in the habitat.



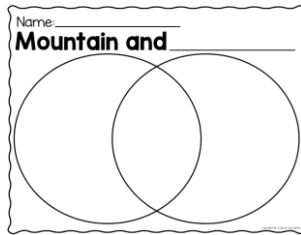
# ANIMAL & PLANT CARDS

You can use these animal and plant cards on the board, in your writing center, or at each table for students to refer to throughout the week.



# HABITAT HAT

Students can show what they've learned about the animals that live in the habitat with this fun hat project.



# HABITAT VENN DIAGRAM

After learning about the habitat, use the Venn diagram to compare and contrast with another habitat.

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# HABITAT CRAFT

To culminate the unit, students can make this habitat craft. You can choose whether to have them use the sentence strip option or not.

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# HABITAT DIORAMAS

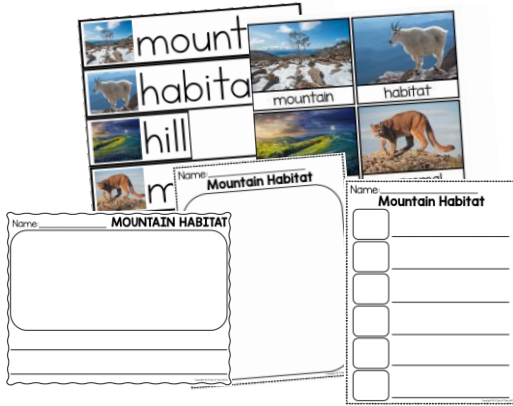
Students can use this diorama template to make a 3D representation of the habitat.

# BONUS MATERIALS

## for the MOUNTAINS

### WRITING CENTER

Set up your writing center with word cards and writing papers that meet the needs of your students. Need writing lines or list writing paper? There is something for every learner.



### DEFINITION POSTERS

These posters use real-life pictures and simple definitions that are easy for students to understand. Hang them up in your science center, add new ones to your whole group area each day, or project on your smart board.



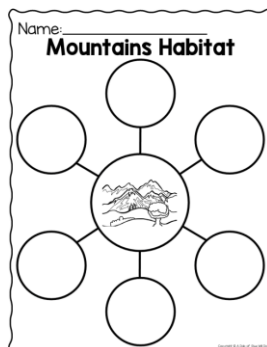
### WORD WALL

Add the new vocabulary you are introducing to your students throughout the week to the word wall. Students can refer to these words throughout the year.



### CIRCLE MAP

Use this circle map when introducing the habitat to see what your students know, or after you teach the unit for them to demonstrate their new knowledge. This can be used individually, as a graphic organizer, or as a whole group.



# HABITAT SONG

Use this song to transition throughout the unit. Put a copy in the library center for students to practice.



# STEM CENTER

Use this STEM challenge to engage your students in hands-on learning through exploration during the habitat units. Complete the activity as a whole group or place the materials in a center and let your students explore.

