

GETTING STARTED with ADAPTATIONS

Your students are going to love learning all about Animal Adaptations through hands-on exploration with real world connections, and you are going to love all that is packed in this Animal Adaptations 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.

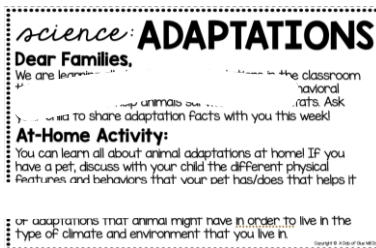
ADAPTATIONSscience	
MATERIALS needed <ul style="list-style-type: none">Adaptations books (see list)Construction paperGlue sticks	ADAPTATIONS INTRODUCTION <ul style="list-style-type: none">Complete Introduction PowerPointComplete Introduction Worksheet
M Monday	Read a nonfiction animal adaptations book. Complete the Animal Adaptations Compare Activity (see activity directions for more information). Complete the Animal Adaptations Writing Response.
T Tuesday	Read a nonfiction animal adaptations book. Complete the Animal Adaptations Compare Activity (see activity directions for more information). Complete the Animal Adaptations Writing Response.
W Wednesday	Read a nonfiction animal adaptations book. Complete the Animal Adaptations Compare Activity (see activity directions for more information). Complete the Animal Adaptations Writing Response.
Th Thursday	Read a nonfiction animal adaptations book. Complete the Animal Adaptations Compare Activity (see activity directions for more information). Complete the Animal Adaptations Writing Response.
F Friday	Read a nonfiction animal adaptations book. Complete the Animal Adaptations Compare Activity (see activity directions for more information). Complete the Animal Adaptations Writing Response.

LESSON PLANS

These comprehensive lesson plans are ready for you to integrate adaptations into every aspect of your classroom. Our plans are also perfect for supplementing an existing curriculum or pulling just-right engaging activities when you are short on time.

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 ANIMAL ADAPTATIONS

ANIMAL ADAPTATIONS

The natural process by which an animal becomes suited to surviving in its surroundings is known as adaptation.

Adaptations are physical features of an animal that help it survive in its environment.

Adaptations can be behavioral or physical.

Adaptations can be structural or behavioral.

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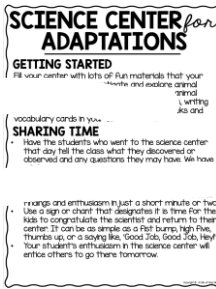
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TEACHER GUIDE

Everything you need to know about animal adaptations 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

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

Encourage your students' natural curiosities with questions regarding animal adaptations. 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.



BOOKS LIST

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



VIDEOS LIST

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



SONGS LIST

Our song list is linked and ready to use with your students. You can show them the video with the song, or simply play the song in the background during center time, dismissal, clean-up, or any other transition during the day.

LESSON CONTENT for ADAPTATIONS

ANIMAL ADAPTATIONS INTRO 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.

ADAPTATIONS SORT

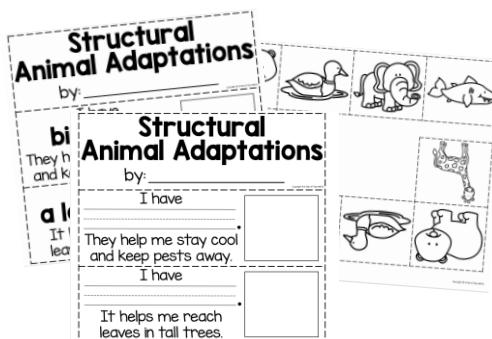
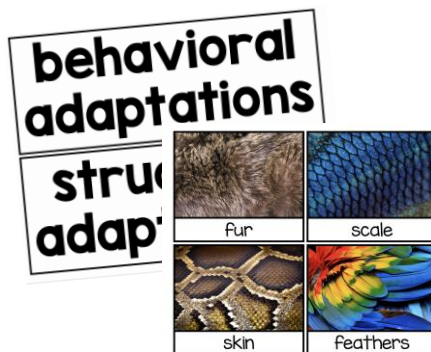
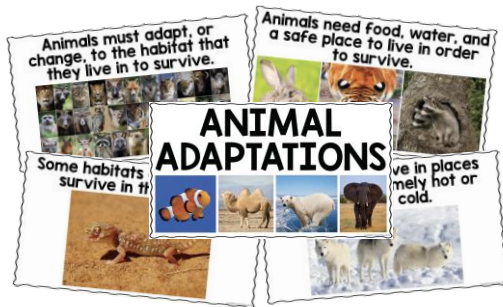
Use the provided directions, headers, and picture cards to have students guess which adaptations are behavioral and which are structural. This is a great activity to use as a preview before the more in-depth structural and behavioral lessons.

STRUCTURAL ADAPTATIONS POWERPOINT

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

STRUCTURAL ADAPTATIONS FLIPBOOK

After learning about structural adaptations, students can show what they've learned by completing a flipbook.



BEHAVIORAL ADAPTATIONS POWERPOINT

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

BEHAVIORAL ADAPTATIONS WORKSHEET

After learning about behavioral adaptations, students can show what they've learned by completing this cut and paste worksheet.

Name: _____

Behavioral Adaptations

Cut and paste the pictures into the correct box.

I migrate to a warmer place.	I store food for the winter.
I spin a web to catch my food.	I hibernate during the winter.

ANIMAL ADAPTATIONS BY HABITAT POWERPOINT

This includes a PowerPoint that highlights animal adaptations in specific habitats to project on the board.



ANIMAL ADAPTATIONS WRITING RESPONSE SHEET

After learning about specific animals from different habitats and their adaptations, students can complete one of these writing response sheets.

Name: _____

ANIMAL ADAPTATIONS

I know all about...

Here are 2 ways my animal adapts...

--	--

Name: _____

Adaptations in the Rainforest Habitat

WHAT IS MY ADAPTATION:

Name: _____

Animal Adaptations

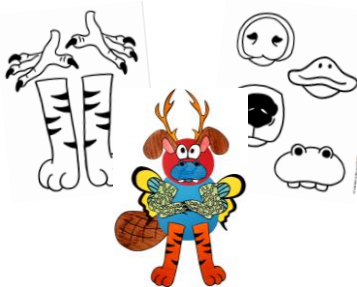
I am a _____

I have _____

It helps me _____

BUILD YOUR OWN ANIMAL CRAFT

To culminate the unit, students can have fun creating their own animal with different adaptations with this craft.



BONUS MATERIALS for ADAPTATIONS



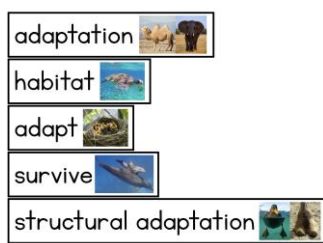
WRITING CENTER

Set up your writing center with word cards and writing papers that meet the needs of your students. No writing lines or list writing paper? There is something for every learner.



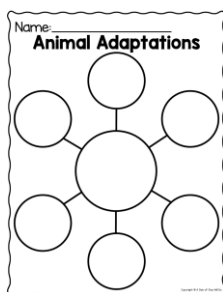
DEFINITION POSTERS

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.



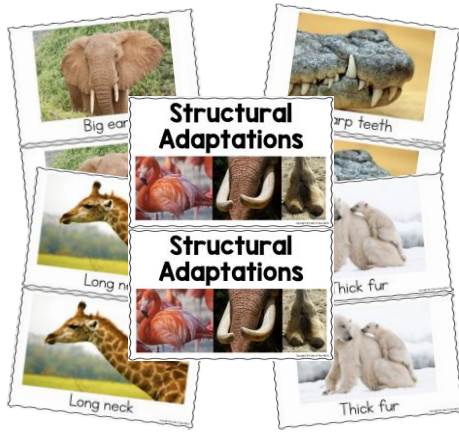
WORD WALL

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 adaptations to see what your students know, or after you teach the unit for them to demonstrate their new knowledge. These can be used individually, as a graphic organizer, or as a whole group activity.



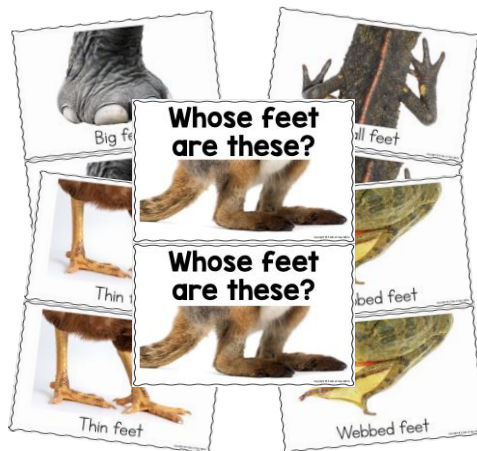
STRUCTURAL ADAPTATIONS EMERGENT READER

Students can practice one-to-one correspondence while reviewing structural adaptations when reading this easy reader. Copies can be put in the reading center or sent home for extra practice.



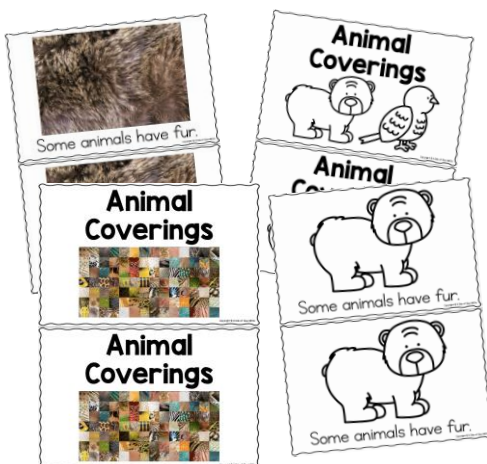
WHOSE EARS ARE THESE EMERGENT READER

Students can practice one-to-one correspondence while reading this easy reader about different animal ears. Copies can be put in the reading center or sent home for extra practice.



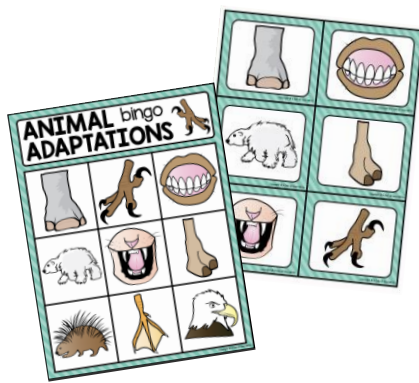
WHOSE FEET ARE THESE EMERGENT READER

Students can practice one-to-one correspondence while reading this easy reader about different animal feet. Copies can be put in the reading center or sent home for extra practice.



ANIMAL COVERINGS EMERGENT READER

Students can practice one-to-one correspondence and learn about animal coverings while reading this easy reader. Copies can be put in the reading center or sent home for extra practice.



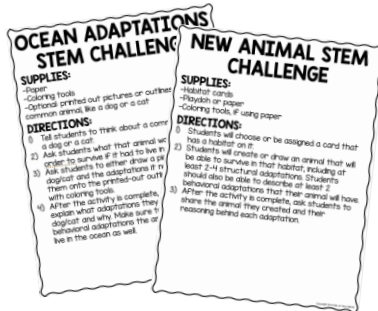
ADAPTATIONS BINGO

Add this Adaptations Bingo to your lesson plans as a fun way to practice listening skills. Prep for Fun Friday or have a volunteer play with students at a center. Bingo boards and calling cards are included in color or black & white.



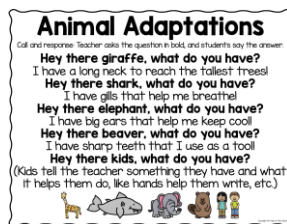
BLUBBER EXPERIMENT

After reading about how polar bears adapt in the Arctic Habitat, complete this hands-on experiment with your students.



STEM CENTER IDEAS

These STEM activity ideas will give your students a chance to use their creativity and critical thinking skills to complete challenges during this unit.



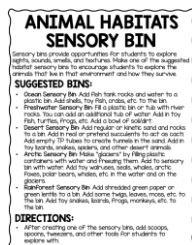
ADAPTATIONS FINGERPLAY

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



QUESTION OF THE WEEK

Use this question to engage your students, pique their interest, and get them talking about different adaptations.



SENSORY BIN IDEAS

Use these sensory bin suggestions to engage your students in hands-on learning about animal adaptations