


GETTING STARTED with BATS

Your students are going to love learning all about bats through hands-on exploration with real world connections, and you are going to love all that is packed into this Bats Animal Study! 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.

| BATS science | |
|--|--|
| MATERIALS needed: • Bats books (see list) • Toilet paper tube • Construction paper • Paint and paintbrush • Scissors • Glue • Goody eyes • Shakers • Black Cardstock or felt • Straws • Tape • Rebornvixing | |
| M Monday | BATS INTRODUCTION - Watch the video - Read and complete the What can a bat do? emergent Reader - Each Day please see our selection of Turkey songs, books, and videos! |
| T Tuesday | BAT LIFE CYCLE - Read a nonfiction bat book - Introduce the Bat Life Cycle poster - Make the Bat Life Cycle hat |
| W Wednesday | BAT ECHOLOCATION AND EAT - Read a nonfiction bat book - Show the Echoing... - Complete the Flying Bat STEM activity |
| Th Thursday | |
| F Friday | |

LESSON PLANS

These comprehensive lesson plans are ready for you to integrate bats 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.

science: BATS 

Dear Families,
 We are learning all about bats in the classroom this week, and now they fly. We will learn how bats sleep and why they stay up all night. It will be an exciting week learning all about bats!

At-Home Activity:
 Bats use echolocation to find their prey. In a safe place indoors or outside, take turns wearing a blindfold and making sounds (clapping, whistling, etc.) to see if the "bat" can locate where the family member is.

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 BATS

WHERE DO BATS LIVE?

Bats prefer warmer climates but can adapt to live in almost any habitat. They can be in almost all parts of the world.

Some bats living in the Northeast hibernate during the winter.

SPECIES OF BATS

There are more than 40 distinct species of bat living in the United States. There are over 100 different species of bats worldwide, making them the second largest order of mammals.

DID YOU KNOW?
 Most of the world's bats are microbats. Bats are the only flying mammal.

BATS are small bats that generally roost in trees, abandoned mines, and buildings in wooded areas. They have small bodies and small eyes, but they still can see. They use echolocation to find their prey. Some of the larger bats hunt insects, frogs, birds, and even other bats. They are often known as "fruit bats." They do not eat insects, and they do not eat fruit.

Bats are important to their tropical and subtropical climates. They have echolocation abilities. They have large eyes and great vision. They are often known as "fruit bats." They do not eat insects, and they do not eat fruit. They are important to their tropical and subtropical climates. They have echolocation abilities. They have large eyes and great vision. They are often known as "fruit bats." They do not eat insects, and they do not eat fruit.

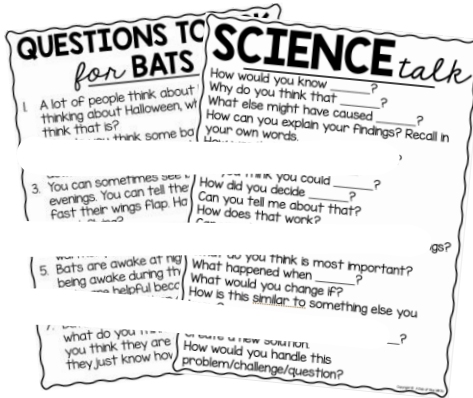
TEACHER GUIDE

Everything you need to know about bats 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 this collection of bat-related questions. 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.



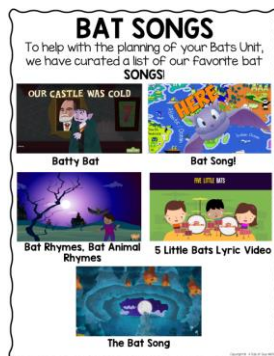
BOOKS LIST

To make planning easy, we have curated a list of our favorite bat 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 bat 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* BATS



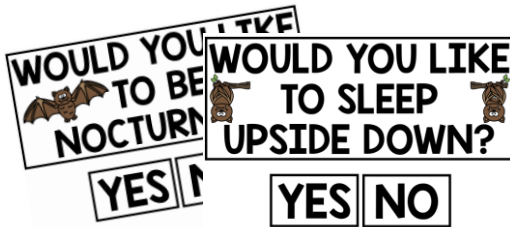
BAT FACTS POWERPOINT

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



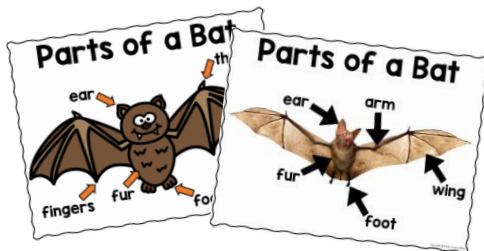
BAT EMERGENT READER

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.



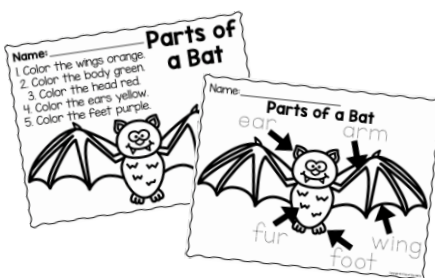
QUESTION OF THE WEEK

Use these questions to engage your students, pique their curiosities, and get everyone excited to learn.



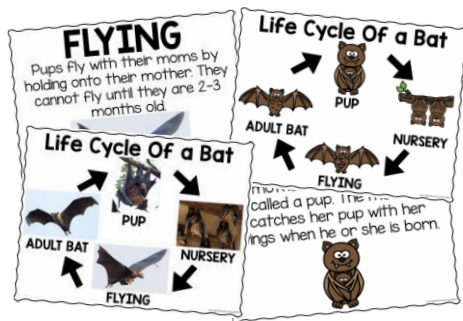
PARTS OF A BAT POSTER

With real-life and clip-art options, use these posters to show your students the different parts of a bat.



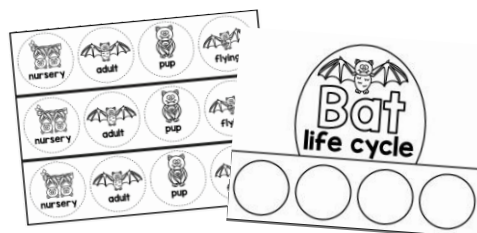
PARTS OF A BAT WORKSHEET

After teaching your students about the parts of a bat, use these different worksheet options for them to show what they know.



LIFE CYCLE POSTERS

Use these posters to teach your students about the bat life cycle. Use either or both versions, one with clipart and one with real-life photos.



LIFE CYCLE HAT

Students can show what they know about the order of the bat life cycle with this fun hat.



BAT FINGERPLAY

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



BAT TOILET PAPER TUBE BAT CRAFT

Make this simple and fun toilet paper roll bat craft to celebrate studying bats. Students will love getting to bring these cute bats home!



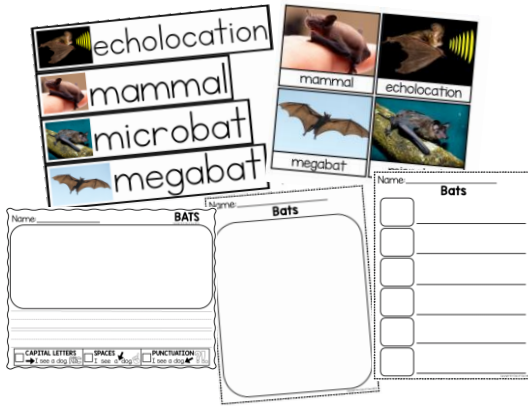
FLYING BATS STEM

Culminate the unit with this engaging STEM activity that will have your students thinking creatively to get their bats to "fly."

BONUS MATERIALS for BATS

WRITING CENTER

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



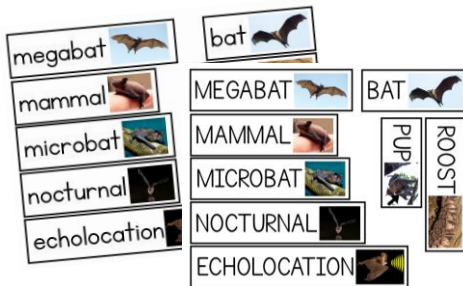
DEFINITION POSTERS

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.



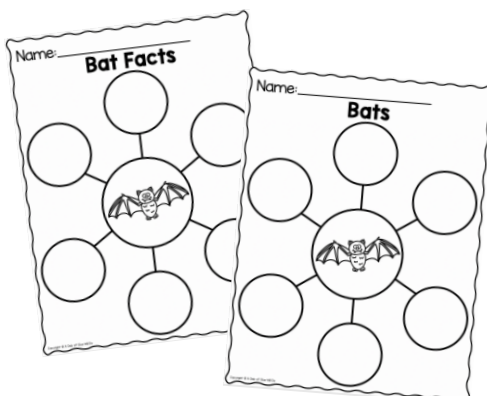
WORD WALL

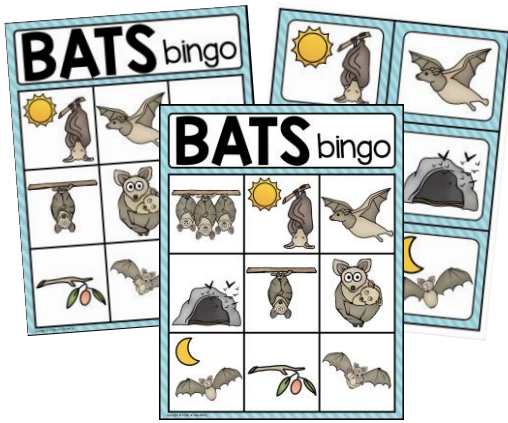
Add the new vocabulary you are introducing to your students throughout the week to the word wall. Students can refer to these words throughout the year.



CIRCLE MAPS

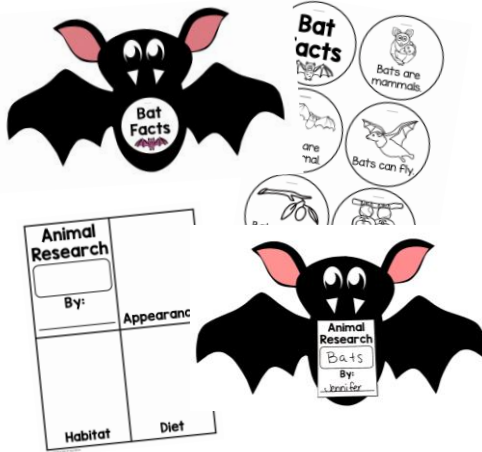
Use these circle maps when introducing bats to see what your students know, or after you teach the unit for them to demonstrate their new knowledge. These can be used individually, as a graphic organizer, or as a whole group activity.





BATS BINGO

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



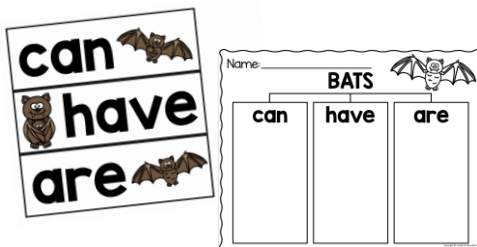
BAT FACTS OR ANIMAL RESEARCH CRAFT

Use the craft template and bat research sheet options to have your students show what they have learned about bats during the unit with this craft/research project combination. The craft can be done with or without the research/fact component.



POSITIONAL WORDS EMERGENT READER

Students can practice one-to-one correspondence and positional words 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.



CAN HAVE ARE ACTIVITY

After learning about bats, complete this Can-Have-Are chart as a whole group and/or independently.