



BAT ACTIVITY TRENDS

Community Science Program



This program will help scientists with future studies and contribute to the conservation of bats in our area! Starting at sunset, spend 30 minutes observing the sky and watching for bats!

1. Use our **Bat Observation Guide** to pick a good night and place for bat watching
2. Look up what time **sunset** is on the night you plan to watch for bats
3. Pick a good spot **near your home** to watch the sky for bats
4. Review our Safety Checklist so you are **prepared** to have a good night of bat watching!
5. Watch for **30 minutes** starting 5-10 minutes after sunset. Count all the bats you see!

Thank you for participating in the BAT Program!

Please use the QR code or go to **bat.fieldscope.org** to create a login, then submit your data.

Note: You must be at least 13 to create a login to submit your data. If you are under 13 please find a caregiver or older sibling to help you.



bat.fieldscope.org

DATA COLLECTION SHEET

Where are you watching from?

List the address or closest street

What city and state?

What is today's date?

What time is sunset today?

What time did you start your 30-minute watch?

Who is watching with you?

Did you watch from one spot?
Or did you take a 30-minute walk?

Where did you walk?

Did you see any bats?

How many bats did you count?

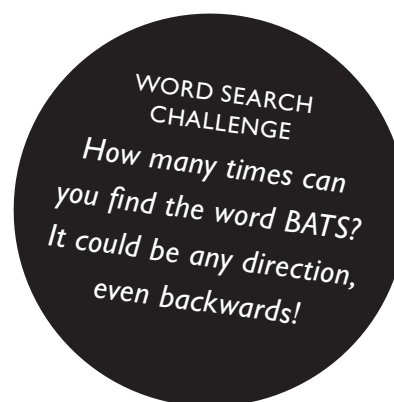
What other wildlife did you see?

Make notes about your bat watch here:



B	S	N	B	A	T	S	B	N	A	T	C	S
A	C	O	N	S	E	R	V	A	T	I	O	N
T	I	C	B	T	A	O	S	T	T	A	M	E
S	E	T	B	B	S	O	P	U	P	S	M	I
E	N	U	S	A	A	S	B	R	T	T	U	G
C	C	R	U	B	T	T	A	E	S	A	N	H
O	E	N	N	D	T	S	S	T	A	B	I	B
S	W	A	S	H	I	N	G	T	O	N	T	O
Y	I	L	E	S	B	S	B	A	T	S	Y	R
S	L	B	T	T	S	A	C	B	A	T	B	H
T	D	A	B	A	T	S	T	O	A	S	A	O
E	L	H	A	B	I	T	A	T	V	T	T	O
M	I	S	C	O	E	X	I	S	T	E	S	D
B	F	I	N	S	E	C	T	I	V	O	R	E
A	E	O	B	S	E	R	V	A	T	I	O	N

BATS
 COMMUNITY
 CONSERVATION
 COEXIST
 DISCOVER
 ECOSYSTEM
 HABITAT
 INSECTIVORE
 NATURE
 NEIGHBORHOOD
 NOCTURNAL
 OBSERVATION
 PUPS
 ROOST
 SCIENCE
 SUNSET
 WASHINGTON
 WILDLIFE



HABITAT FEATURES

WATER: Bats can't land to drink from a bird bath or fountain, they need a wide spot where they can swoop down to skim the surface for some water. Find a body of fresh water like a lake, stream or pond.

SHELTER: A place where bats sleep or rest is called a "roost." Bats love snags because they produce heat while they decompose. A different way that bats live in trees is by hiding underneath a peeling strip of bark! Peeling bark gives them a safe and warm place to snuggle in and stay warm. To help bats, some people put up bat houses or bat boxes. They are typically mounted high up on a pole or on someone's house.

FOOD: All of our local bat species are insectivores. This means they eat insects! Mosquitoes, moths or beetles all make a great meal for a hungry bat!

FLYWAY: Many bats will use openings in tree canopies or a forest edge for a flyway. That way they can hunt without having to dodge tree limbs. Do you see any open areas near trees? This can look like a large lawn area or even a hiking trail!

HABITAT HUNT

How many features can you find? What do you think makes the best bat habitat?

- | | | |
|---------------------------------------|------------------------------------|-------------------------------------|
| <input type="checkbox"/> Fresh water | <input type="checkbox"/> Tree snag | <input type="checkbox"/> Large tree |
| <input type="checkbox"/> Peeling bark | <input type="checkbox"/> Crevices | <input type="checkbox"/> Flyway |
| <input type="checkbox"/> Insects | <input type="checkbox"/> Bat house | <input type="checkbox"/> Bats |

IT'S TIME FOR MORE BAT FUN!

Thank you for participating in the
Bat Activity Trends (BAT) Program!

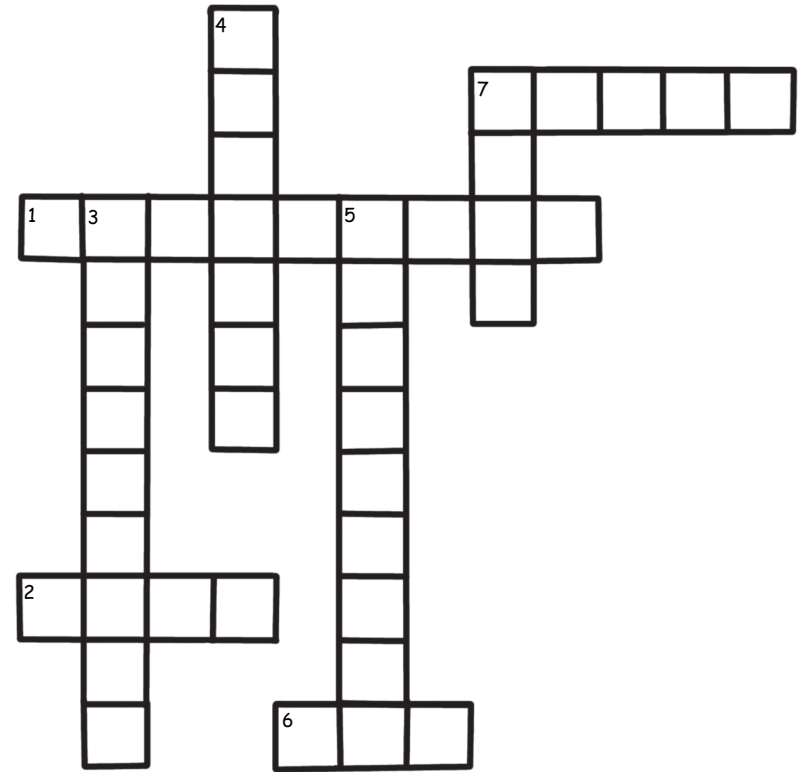
Follow this QR code to find more free activities by
local artist and bat volunteer Kami Koyamatsu.



Activities by Kami



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ACROSS:

1. A deep long sleep that usually happens during the winter.
2. Some bats sleep in this large stone structure.
6. The main way a bat moves from one area to another.
7. Bats are not _____, they actually have pretty good eyesight.

DOWN:

3. Bats are very _____ to the ecosystem.
4. Most bats eat these.
5. Term for being active during the night and sleeping during the day.
7. The only true flying mammals.



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RESOURCES FOR ENGAGING YOUNG BAT SCIENTISTS

Sitting and waiting for bats to appear can be a challenge for young scientists. Our kid-friendly data sheet and activities page can help keep kids engaged. Plan ahead and use some of these podcasts, books, and videos to help pass the time, all available free online or at your local library.

BOOKS FOR KIDS OF ALL AGES

(Check your local library!)

Story books:

Stellaluna, by Janell Cannon

Bats in the Library, series by Brian Lies

Nightsong, by Ari Berk

Bat Count: A Citizen Science Story, by Anna Forrester

Amara and the Bats, by Emma Reynolds

The Bat, by Elise Gravel

The Bat Book, by Charlotte Milner

YA novels:

The Silverwing, series by Kenneth Oppel

The Underland Chronicles, by Suzanne Collins

PODCASTS

Orange is the New Bat: Wow in the World (28 min)

<https://open.spotify.com/episode/432DtZ3VoNfgnEB2vU34e8?si=b7bRwNqCSEqDR7hKqoWTeg>

Ah, Bats! Wow in the World (30 min)

<https://open.spotify.com/episode/6npd3yDqmw3XJgl3sMIA5?si=qxD-KNDkQ4alfXli2u2rJQ>

Science in the City: Chasing Bats and Tracking Rats: Short Wave Radio (13 min)

<https://open.spotify.com/episode/0Vnb5XMKabAjD4cvyAJ5fl?si=717c3-9fSr66L3dZQDgE8Q>

YOUTUBE VIDEOS

3 Fun Facts About Bats! | SciShow Kids (4 min)

<https://youtu.be/2Mii45v85YY>

Wild Kratts: Creatures Come Out at Night! | Kids Videos (25 min)

<https://youtu.be/Q6ba7dBhxe0>

Kids Book Read Aloud: BATS AT THE BEACH by Brian Lies (5 min)

<https://youtu.be/j5TZYFyD0Sg>

Tinga Tinga Tales Official | Why Bat Hangs Upside Down (30 min)

<https://youtu.be/eGyl3j4Epl0>

