



DID YOU HEAR THAT? GET READY TO OPEN YOUR EARS AS WE LEARN ABOUT SOUND!

From music on the radio to footsteps on the ground, sounds are everywhere! Sounds are made when something vibrates, or shakes back and forth, and sends out waves of energy. How strong or weak a vibration is will affect how loud the sound is. How fast or slow the sound waves are will affect how high or low the sound is. We can't see these waves of energy, but we can sense them with our ears. Some things make sounds on purpose, like the sounds animals make to communicate with each other and the musical instruments people play to create songs. Other things, like rain or a slamming door, unintentionally make sounds as different objects touch each other. No matter what creates the sound, different sounds help us understand and interact with the world around us!

DAY 3:

WHAT DO YOU HEAR HERE?

Sounds and noise are all around us! In natural spaces or in areas away from people you might be able to hear different animals, water flowing or the wind blowing. In neighborhoods or cities, you might hear cars and people in addition to (or instead of) the sounds of nature. Even the sounds you make will be different depending on where you are. If it has been raining, your feet may make sloshing sounds when you walk or if it has been snowing, your footsteps may make crunching sounds. The different sounds you hear or make can tell you a lot about where you are and give you clues about what is around you.

Before you start, you should have:

- A place inside or outside where you can explore
- Optional: a journal or paper
- Optional: pencil, pen or crayons



Sam Noble Home



For more activities visit samnoblemuseum.ou.edu/samnoblehome

Get started:

1. Explore in or around your house, neighborhood or a natural area.
2. Pick a spot, close your eyes and stand or sit as quietly as you can.
3. Listen for five different sounds. Open your eyes once you have heard the sounds.

What different sounds did you hear?

What direction were they coming from?

What do you think made the sounds?

4. Continue exploring. How many different sounds can you hear?
5. Optional: draw or write about the different sounds you heard.
6. Try to make your own sounds. You could:
 - o Walk on crunchy leaves or hard ground
 - o Hit two rocks together
 - o Tap on the ground with a stick
 - o Brush your hand against grass
 - o Clap your hands and listen for an echo
7. Tell someone about what you heard. Share with them your favorite sound that you created!

Keep exploring!

- In different spots in your home or yard, close your eyes and listen for at least one minute. Write down or draw everything you hear. Did you hear similar or different sounds?
- Go exploring at different times of day (in the morning, afternoon or evening) and see if you hear different types or amounts of sound.

What did you discover?

Upload a photo or video and tag the Sam Noble Museum on Instagram or Facebook. You can also use the hashtags **#samnoblehome** and **#summerexplorers** to share!

More information on outdoor sounds and a listening walk:

[https://www.youtube.com/](https://www.youtube.com/watch?v=kzQOdEAIH5E)

[watch?v=kzQOdEAIH5E](https://www.youtube.com/watch?v=kzQOdEAIH5E)



<https://exploresound.org/listen-learn/>



Join Sam Noble Museum educators as they head outside to explore for different sounds!

<https://youtu.be/3xs8-XtGKsM>



Sam Noble Home



For more activities visit samnoblemuseum.ou.edu/samnoblehome