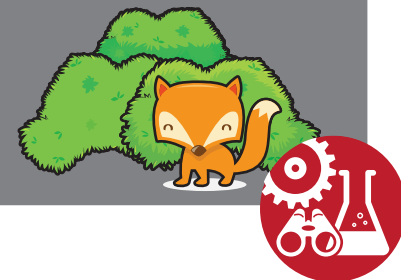


Use your Five Senses: **ECHOLLOCATION**

RUSTY'S MEADOW Active & Healthy Living



THE ADVENTURE:

Some animals use echolocation to find objects, instead of using their eyes. Bats and dolphins send out high-pitch noises, which bounce off of objects (echo) to tell the animal how far away that object is (the location). That's echolocation!

In pairs, use echolocation to follow the leader. Choose a sound for you and your partner to make and follow.

DO:

- In pairs, decide on a team sound. This can be anything you want, as long as you will recognize it. You could clap your hands, whistle a tune or make a beeping sound.
- With your partner, choose who will wear the blindfold first. Now you're ready to play.
- If your partner is the leader, he or she will slowly walk away from you making your team sound.
- With the blindfold on, try to follow the sound to stay with your partner.
- How can you play this game with a bigger group?

PLAN:

- Do you want to do this adventure indoors, outdoors or at camp?
- What are some different ways you communicate with other Beaver Scouts?
- How can you use sound to find someone?
- How will you make groups of two?



REVIEW:

- What do you know now that you did not know before?
- How did you work together to explore your sense of hearing?
- Did you find it easy or difficult to follow the sound of the other Beaver? Why?

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MATERIALS:

- Blindfolds

ONLINE RESOURCES:

- How Your Ears Work www.youtube.com/watch?v=HMxoHKwWmU8
- You and Your Ears www.youtube.com/watch?v=NhlSn0wqnUw
- How Bats Use Echolocation homeworkzone.tvokids.com/videos/howbatsuseecholocation

SAFETY TIP:

- How can you stay safe when wearing a blindfold? Keep one hand out in front of you to protect you, and the other hand on your partner.