

# WOODPECKER CHALLENGE

Woodpeckers peck for many reasons. They peck to find food, build nests, and communicate. In this challenge, you will explore how the drumming sounds of pecking are used for communication.

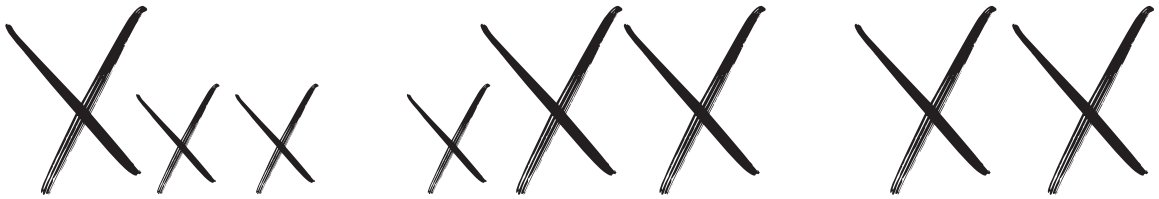


Select a partner. Create 5 different patterns of drumming to communicate a task to your partner. Examples of tasks are...

- Bring me that toy
- Stand on one leg
- Spin in a circle

Each drumming pattern must include at least 8 drums. Patterns may include different drumming speeds and volumes. For each task, write the drumming pattern using an X for each drum. Xs close together show quick drums, while Xs far apart show slow drums. Big Xs show loud drums, and small Xs show soft drums.

For example:



Once you have created your 5 drumming patterns, separate into different parts of the room. One partner will drum using a paper towel roll, pencil, or something similar. The other partner will complete the communicated task. Continue drumming until your partner gets all 5 tasks correct. Then, switch and allow the other partner to drum.



Complete the questions below to guide your challenge.

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**Drumming Pattern #1:**

What task are you communicating?

Pattern (write Xs here):

**Drumming Pattern #2:**

What task are you communicating?

Pattern (write Xs here):

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**Drumming Pattern #3:**

What task are you communicating?

Pattern (write Xs here):

**Drumming Pattern #4:**

What task are you communicating?

Pattern (write Xs here):

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**Drumming Pattern #5:**

What task are you communicating?

Pattern (write Xs here):

**Did you both complete each task correctly? What was the most challenging part?**

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**What do woodpeckers communicate with their drumming?**

**What are the pros and cons of communicating with drumming?**