# Wheel & Axle: We're Going on a Wheel Hunt

**Little STEAMers**

## Materials

- *Simple Machines* Video: https://bit.ly/littlesteamersvirtual

- *What Do Wheels Do All Day?* by April Jones Prince from your local library, or view a read aloud on YouTube

- Scavenger Hunt Template (attached)

- Colorful crayons or markers

- Different environments to explore
  - For example: Kitchen, Living Space, Toy bin, Playground/Park, Grocery Store, etc…

## Learning Objectives

**I can** find objects with wheels and draw pictures of them

**I can** use a data table to sort objects based on how many wheels they have

**I can** identify examples of simple machines in the world around me

## Skills
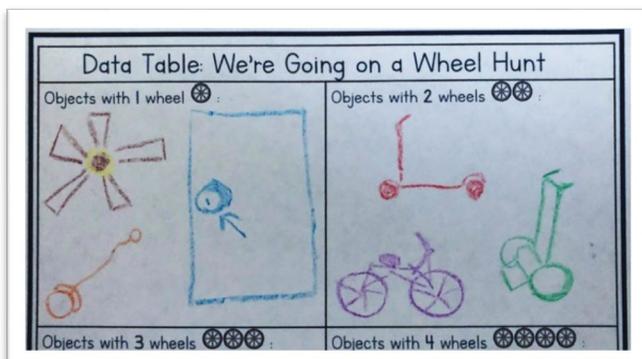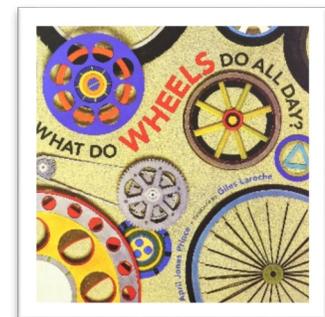
Math Skills

Fine Motor

## Exploration

Begin this activity by watching the *Simple* Machines video on YouTube—the wheel and axle is highlighted around 5:15. Continue the discussion around the **wheel and axle** by reading *What Do Wheels Do All Day*, by April Jones Prince. If you'd prefer to watch a virtual read aloud, there are options to do so on YouTube. Before you read the story, consider the following with your student(s):

- **What kinds of objects have wheels?**
- **Why do you think these objects have wheels?**
- **Could these objects work without wheels?**

During and after reading the story, consider the following:

- **We just saw lots of examples of wheels. What did all of the wheels have in common? What was the *same* about them?**
- **What kinds of things were *different* about the examples of wheels that we saw?**

When you have finished discussing the story, explain to the learner that they are going to go on a scavenger hunt where they will search for objects that have **different numbers of wheels**. A data table will be used to keep track of the examples that they find by drawing a picture of the item(s) in the appropriate box. Try to find at least one object for each box!

**IMSA**
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# Data Table: We're Going on a Wheel Hunt

**Objects with 1 wheel 🛞 :**

**Objects with 2 wheels 🛞🛞 :**

**Objects with 3 wheels 🛞🛞🛞 :**

**Objects with 4 wheels 🛞🛞🛞🛞 :**

**Objects with 5 or more wheels 🛞🛞🛞🛞🛞 :**

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