

Name: _____

Date: _____

Wheels & Levers

What Role Do Wheel and Axle Systems Have in Moving Vehicles and Devices?



Exit Pass

Gears.

Complete the Exit Pass.

Answer the following questions:

- 1 What is the difference between a pulley and a gear?

- 2 Explain how the gears are arranged in an eggbeater to increase the speed of motion. Watch this eggbeater at work to help you answer this question.

View video at: <https://www.youtube.com/watch?v=nHCD4JC6Zqg&feature=youtu.be>



- 3 You are designing a machine and need to change spinning motion into straight-line motion. What simple machine options do you have that would do this?