

Dear Family,

In my class today, we experimented with different sizes and numbers of wheels to find out which moves faster on a ramp.

Did You Know?

- Toy cars travel down ramps due to gravity and kinetic movement.
- Gravity is the force that pushes everything down.
- Kinetic movement is energy that comes from motion.
- The vehicles with the larger wheels will go farther.
- The vehicles with the smaller wheels will travel faster.

Ask Your Child:

- Tell me about the experiment you did with wheels on a ramp.
- How did you make the ramp?
- Which cars went faster down the ramp?
- What kinds of transportation have wheels?

Activities To Do With Your Child:

- Explore transportation in your home. With your child, name the types of transportation that you use. Discuss the number of wheels that each type of transportation has (such as a car, bus, or train). Ask your child to draw a picture of the type of transportation you use that they think moves the fastest.

Vocabulary To Use With Your Child:

- **wheel** – a round thing that turns in circles and allows cars, trucks, bicycles, and other things to move.
- **transportation** – the act of moving things or people from one place to another.
- **ramp** – a flat surface that connects two different levels.
- **faster** – moving or operating with speed.
- **investigate** – to look closely so as to get information and learn facts.
- **experiment** – a test to discover something not known, such as the cause of something.