

## Comparing Strength and Direction of Forces

Grade: 3-5 | Subject: Science | Week 1: Community Helpers & Our Neighborhood | Time: 35–45 minutes

### Learning Objective

Student will independently predict and test how changing the direction of a push changes an object's motion.

### Materials Needed

Toy truck, masking tape (to mark a target "delivery" spot), soft ball

### Practice Activity

Child designs one change (angle a small ramp, change starting position) to help the truck reach the target more easily. Extend by writing 2-3 sentences reflecting on the skill.

### Student Work Space

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Parent/Teacher Sign-off: \_\_\_\_\_ Date: \_\_\_\_\_