

Comparing Strength and Direction of Forces

Grade: PreK | Subject: Science | Week 1: Community Helpers & Our Neighborhood | Time: 10–15 minutes

Learning Objective

Simplified, hands-on version: Student will 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.

Student Work Space

Parent/Teacher Sign-off: _____ Date: _____