Activity Summary

Through movement and motion centers as well as conversation starters, you can prepare your students for their visit to the WOW! Children’s Museum and our Make It Go! exhibit.

Class time: 60 minutes
Age range: 3-5 years old

Learning Objectives

To better understand things that move, forces of motion, and physical science.

Materials Needed:

- Matchbox cars
- Markers
- Trucks and cars
- Ramps
- Vehicle matching cards (attached)
- Large container to fill with water
- Metal spoons
- Large butcher paper

Activity Center 1

Icy Car Rescue: Freeze water with cars trapped inside, the children use spoons to save the cars! This is a lesson in states of matter, water and ice. You can add a scale and the children can weigh the cars to add a math aspect of this activity.

Colorado State Standards: Physical Science, Solids and Liquids

Activity Center 2

Ramps and Cars: Buy or build ramps and prop them up at different heights. Let the children determine the heights of the ramps and how and which cars will run down the ramps.

Colorado State Standards: Physical Science, Laws of Motion

Activity Center 3

Vehicle Matching Game: Create or buy cards with vehicles on them. The children can play memory or use a control card to match like vehicles. Matching and memory games help improve visual memory, improve concentration, improve the recognition of similarities and differences, and increase attention to detail.

Activity Center 4

Drawing with Cars: Attach markers to the backs of cars to be dragged across butcher paper. The larger the paper the more markings can happen.

Colorado State Standards: Visual Arts
Activity Summary
There are lots of different kinds of movement! We see movement and we can experience movement. We benefit from movement too! When children move together during physical games and experiences, they bond and form kindness skills.

Class time: 30-60 minutes
Age range: Depends on the game!

Learning Objectives
Work together, play together, and cooperate. Learn different types of movement, dramatic play, and physical activity.

Materials Needed:
- Hula hoops
- CD player or music player
- Space to play

Activity
This is entirely open ended! Some ideas for play are hula hoop hopscotch or hula hoop racing, putting on music and dancing, tag, basketball, or newspaper basketball (safer than using a real basketball). Or create your own physical play activity!
Colorado State Standards: Physical Education