

Momentum:

What Affects How Quickly or Slowly an Object Moves?

- Once students understand that objects require force to move, the concept of momentum or speed can be explored. Set up stations with different objects such as toy cars, balls, spools and yo-yos. Have the students use a variety of surfaces such as the carpet, a table, and a ramp to observe how fast the items roll down different surfaces. The students will see that on a carpet a car will move slower than on a table top, and on a ramp a car moves faster still.
- Discuss the reasons why the objects might move at different speeds. For example, the table is a smooth surface, so there is nothing to stop the momentum or speed of the car's wheels, while the carpet is soft and bumpy, which slows the car's wheels.
- Draw a picture illustrating an object that moved quickly and write a sentence explaining why it moved quickly.
- Draw a picture illustrating an object that didn't move quickly and write a sentence explaining why it moved quickly.

Read more: [Motion Activities for Kindergarten | eHow](#)

http://www.ehow.com/info_7898189_motion-activities-kindergarten.html#ixzz2VTKFUh18