

FORCE AND MOTION

What Makes Things Move?

Forces make things move!

A **force** is a push or pull that can make something move.

You use force to open a window.

You use force to do other things too, such as:

- push open a door
- throw a basketball through the hoop
- push a friend on a swing.

Gravity is a force!

Gravity is



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If you put a ball on the top of a hill and give it a push, gravity will cause the ball to roll down the hill.



Speed

Speed is how fast or how slow an object moves.

If you push something with A LOT of force it might go very fast.

Example: if you push a toy car on a wood floor, it will go very fast across the floor.

If you use less force to push the toy car, it will move slower across the floor.

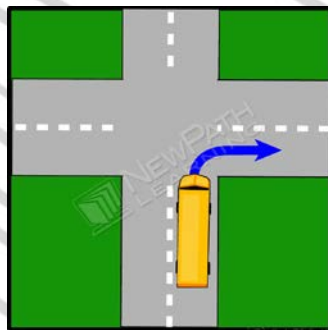


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How This

Objects can move up, down, to the left, or to the right.



Objects can move straight.

Objects can curve and swerve when they move too!