

## FORCES AND MACHINES

### How do Objects Move?

Many objects can be moved:

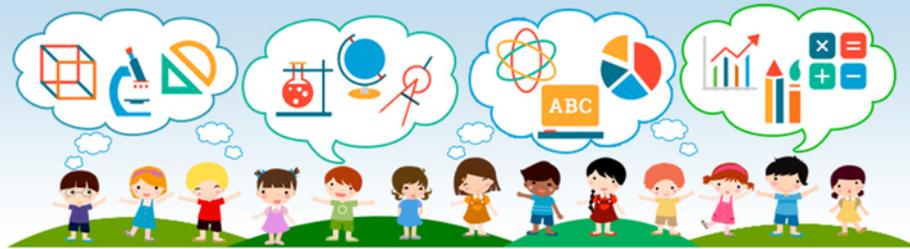


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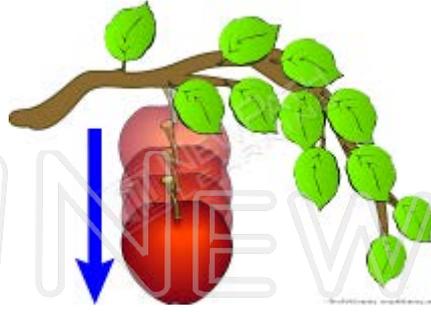


### PREVIEW

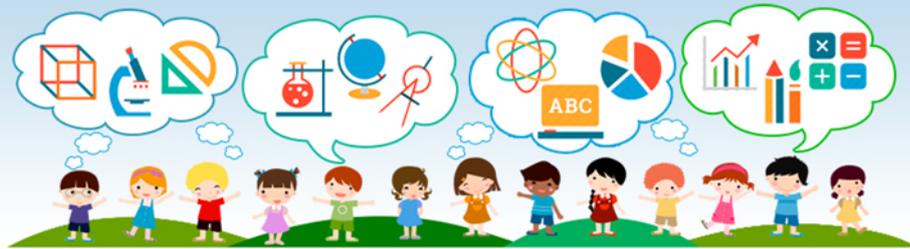
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### Forces and Change

**Gravity** is a force that pulls things down to the ground.



When you drop something (like a pencil), gravity forces it to the ground.



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In order to move fast you need more force.

**Let's check what we have learned so far:  
What is a force?**

## Off to Work We Go...

**Work** is when you use force upon an object causing the object to move.



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### PREVIEW

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**Simple machines** often help move loads from one place to another. A **load** is something that is carried, moved, or lifted.

**Let's check what we have learned so far:**  
**What is work?**

## Simple Machines

There are many different kinds of **simple machines**.

An **inclined plane** is a simple machine that connects a higher area to a lower area. The inclined plane allows you to move an object up or down by rolling or sliding it without lifting the object directly.



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### PREVIEW

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A **screw** holds things together.



