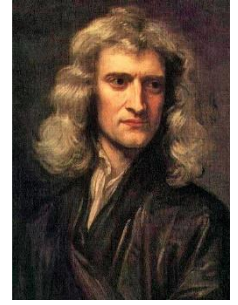


Isaac Newton's Laws of Motion

1. Go to discoveryeducation.com
2. With the login information provided to you, log in.
3. Go to assignments.
4. Click on the assignment "Newton's Laws of Motion."
5. Follow the instructions within the assignment to complete this guide.



Born:

Working through school I...

Location:

My famous publication was called:

Many described my publication as _____
_____ because

In my book, I defined 3 important terms...

- 1.
- 2.
- 3.

From these definitions, I formulated...

In my Principia, I explain...

- 1.
- 2.
- 3.
- 4.

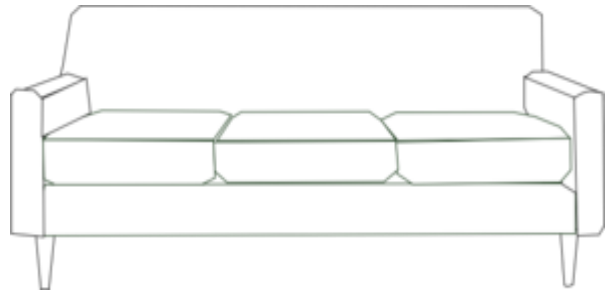
_____ My Laws _____ have a HUGE impact on everything we do.

My FIRST LAW, also called: _____ states....

The force discussed in this law is called _____.

The couch DOES NOT move because....

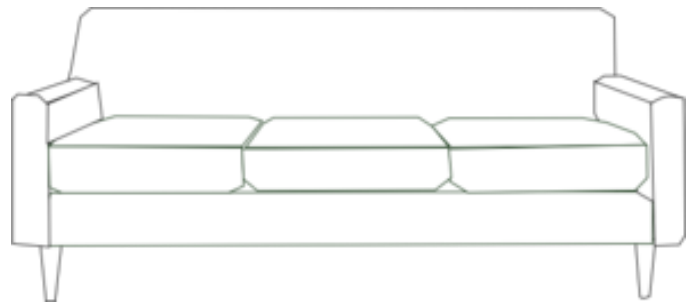
This is called _____



This time, the couch DOES move because....

This is called _____

***we must consider _____ when thinking about this



My SECOND LAW states....

ACCELERATION is defined as...

Acceleration depends on _____ & _____

My THIRD LAW states...

If you let go of a piece of candy in the classroom...



Because....

BUT....when the astronaut let go of the candy, it....

Because...

FIRST PHYSICS LAW OF CARTOONS



**GRAVITY WILL NOT WORK
TILL YOU LOOK DOWN...**

The 1st Law of Motion revisited...

Different forces are at work such as....

Type of force	Direction of force

When all of these forces act together, this is called _____

Eventually, these forces...

The 2nd Law of Motion revisited...

Thinking about $F=ma$...

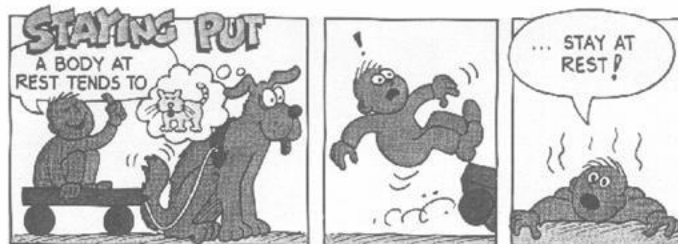
The differences in acceleration between the candy & hammer...

Candy	Hammer

The 3rd Law of Motion revisited...

When the astronaut pushed away from the water jug....

In terms of the 3rd Law, a rocket can "lift off" because...



<http://www.watchknowlearn.org/Video.aspx?VideoID=52182&CategoryID=15590>

https://www.youtube.com/watch?v=N_BNsUFyvv4