

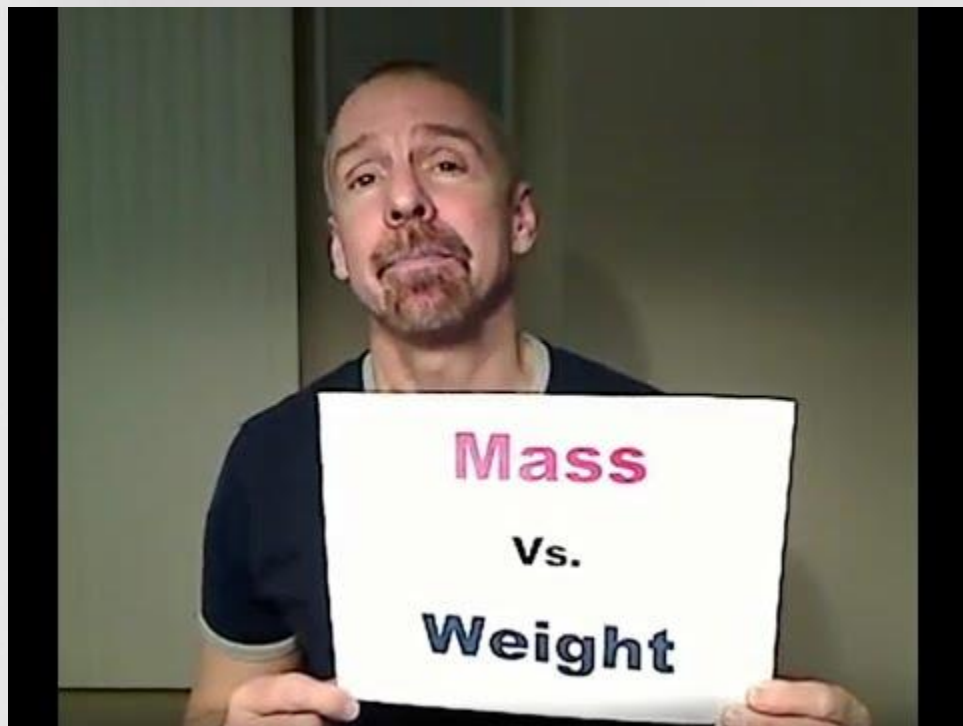
**Let's talk
measurements!**

Mass: The amount of matter in an object



**Weight: The measure
of the force of gravity
on an object**



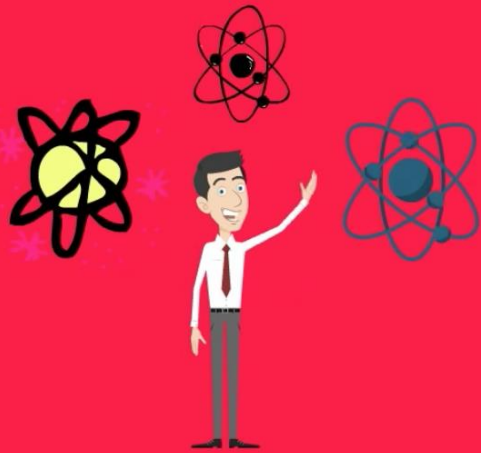


Mass

Vs.

Weight

Mass



Weight



**So how do you measure
mass and weight?**

Balance and scales!

So Let's Do This!

Go grab these items real quick:

- ◆ A hanger
- ◆ String / rope / something like that
- ◆ Two cups (preferably paper cups)
- ◆ Scissors

Directions for how to create your balance are [here](#)



wikiHow to Make a Balance Scale for Kid

How about mass?

Investigate here!

Google Classroom Question to do now

What is the difference between mass and weight?

Other fun things about mass and weight

Find your weight on different planets [here](#)

Great explanation between mass and weight [here](#)

Mass of common objects [here](#)

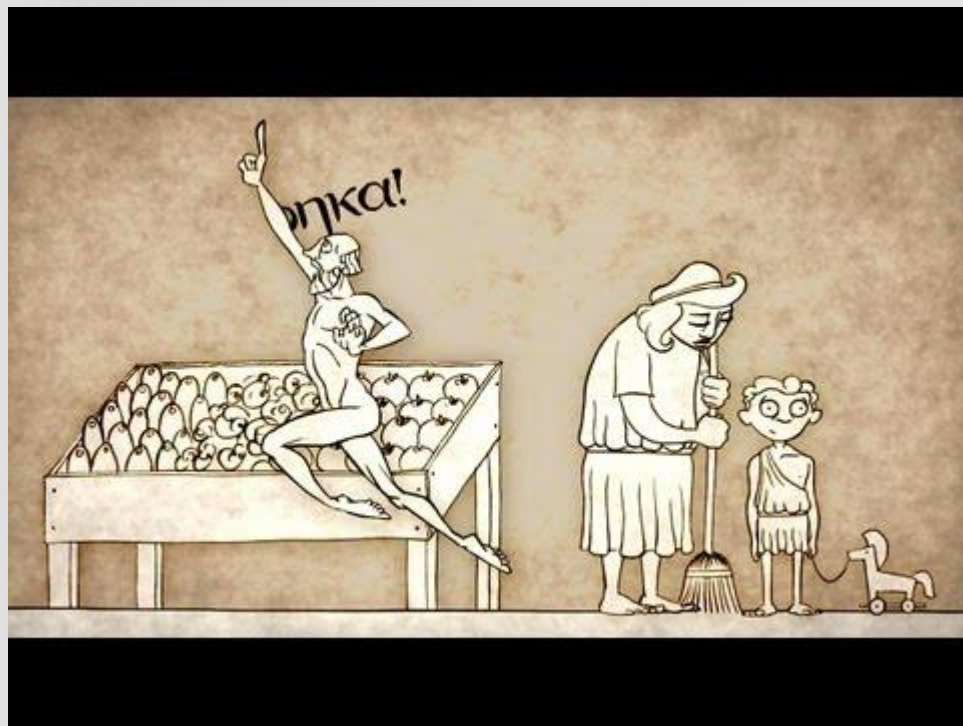
**Volume: The
amount of space
matter takes up**



Measure Volume

Method One: Math

Method Two: Story Time!



So Let's Do This!

Go grab these items real quick:

- ◆ A bowl or tupperware that you can see through (Filled halfway with water)
- ◆ A small, weird shaped object that is waterproof
- ◆ Your whiteboard marker

More information on using displacement to find volume [here](#)



Graduated Cylinder

Makes doing the
water displacement
activity WAY
easier when
finding exact
measurements

Great info on how
to use one [here](#)

**Investigate using
one here**



Other fun things about volume

Learn about what makes ships float [here](#)

More about Archimedes Principle [here](#)

The math behind volume [here](#)

An open notebook is shown from a top-down perspective, lying flat on a dark brown wooden surface. The notebook's pages are white, and the central page is the focus. The text is written in a large, bold, black sans-serif font. The notebook's spine is visible on the left side, and the edges of the pages are slightly shadowed.

**What is volume and
how it is measured?**

**Dancing
Raisins
Experiment!**

