

Name: _____

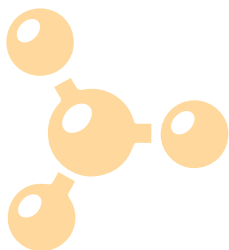
PROPERTIES OF MATTER: MASS VS. WEIGHT

Fill out the questions below as you progress through the Properties of Matter: Mass versus Weight lesson and slideshow.

1. As you listen to the video, what do you picture?
Draw and describe your answer below.

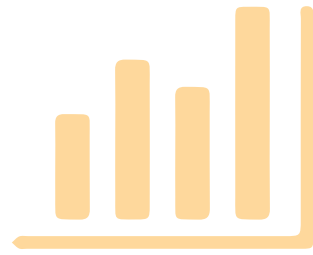
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2. Draw something made of matter below.



3. How much do you weigh?

_____ lb



4. Would you weigh the same on the moon? Why?

Yes **No**

5. Weigh some common classroom items.
Record the items and their weights below.

_____	=	_____	g
_____	=	_____	g
_____	=	_____	g
_____	=	_____	g

6. Find some other objects to put on the scale.
Put them in order from the lightest to heaviest.

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

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7. Finish the statements below by filling in the blanks with the words in the Word Bank on the right.

Weight of an object changes with the amount of

Matter is made of

Mass is measured in

WORD BANK

ATOMS

GRAMS

GRAVITY



Here's what I did today!

I visited the virtual Sanford Research PROMISE lab to learn about matter. Matter is made of atoms. The amount of atoms in an object is what gives it its mass. I learned a person has mass in space but not weight! Weight depends on the amount of gravity. I got to use a scale to measure the mass of a lot of objects.