Name	Per Date	_
	Newton's Laws of Motion POSTER	
	during the 1600s. Like all scientists, he made	
	observations were about H	
supported by more data over time	me; and we now call these <i>Newton's</i>	of Motion.
*Newton's first law of motion	says that an object in motion will stay in	and
an object at rest will stay at _	unless acted on by an	force.
	ving remains at rest until something pushes o	
o This tendency to	a change in motion is called	·
o The more an ob	oject has, theits inertia	•
	ites that the force of an object is equal to it	
o The mass an obje	ect has or the more inertia it has, the	it is to accelerate.
	acceleration if the <b>forces</b> acting on the o	
	n states that for every there is	
- When one object events	- fanas an a garand abias + + + + + + + + + + + + + + + + + + +	
	a force on a second object, the second objec	
	ce in the direction on the f	
	e first object is the action	
o The force exerted by the	e second object is the	_ torce.
Date Assigned: March	Date Due:	March
Nama	Dan Data	
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Cin Tanan lived a		
	during the 1600s. Like all scientists, he made	
	observations were about H	
supported by more data over the	me; and we now call these <i>Newton's</i>	OT MOTION.
*Newton's first law of motion	says that an object in motion will stay in	and
an object at rest will stay at _	unless acted on by an	force.
o An object that is not mov	ving remains at rest until something pushes o	r it.
	a change in motion is called	
o The more an ob	ject has, theits inertia	
<b>★The second law</b> of motion sta	ites that the force of an object is equal to it	s times its
o The mass an obje	ect has or the more inertia it has, the	it is to accelerate.
	acceleration if the <b>forces</b> acting on the o	
	n states that for every there is	
o When one object exerts	a force on a second object, the second objec	†
	ce in the direction on the 1	
	e first object is the action	
	e second object is the	
Date Assigned: March	Date Due:	March

## What to do:

- 1. Illustrate an example of each of the three laws of motion all on one piece of computer paper.
- 2. You need to draw your pictures. You may trace things you find from the internet.
- 3. Include an **explanation** of how the illustration **demonstrates or describes** the law of motion. Put the explanation next to the illustration. Do not use a separate sheet of paper for the explanation. **How you will be evaluated:** This counts as 18 points.

	Expert 5 Points	Skilled 4 Points	Novice 3 Points	Beginner 0-2 Pts	
Content	<ul><li>◆Written</li></ul>	• Written	◆Illustration and	<ul><li>◆ Written</li></ul>	
_	information and	information and	written	information and	
and	illustration are	illustration are	information are	illustration are	
Accuracy	accurate and	mostly accurate	partly accurate	incomplete/	
1	complete	<ul> <li>No major</li> </ul>	<ul> <li>Noticeable</li> </ul>	inaccurate.	
15 pts	◆No errors	errors	errors	<ul> <li>Major errors</li> </ul>	
(5pts each law)	1 <sup>st</sup> Law: Should include following terms in explanation:				
	rest, unbalanced force, inertia				
Colored,	2 <sup>nd</sup> Law: Should include following terms in explanation:				
neatly done	force, acceleration, mass				
-	3 <sup>rd</sup> Law: Should include following terms in explanation:				
3 pts	action, reaction, opposite, equal				
This page needs to be stapled to your poster. Overall Points/18					

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