

Name: _____ Period: _____ Due Date: _____

Newton Meets Buzz and Woody

Objective: Apply Newton's Laws of Motion to a clip from *Toy Story 2*

1 st Law of Motion Law of Inertia	}	----- ----- -----
2 nd Law of Motion Law of Acceleration	}	----- ----- -----
3 rd Law of Motion Law of Action- Reaction	}	----- ----- -----

Task: You will watch a clip from *Toy Story 2*. Find one example for each of Newton's Laws of Motion. List your example and then explain why it demonstrates that particular law using a complete sentence.

		<u>Example</u>	<u>Explanation</u>
1 st Law of Motion Law of Inertia	}		----- ----- -----
2 nd Law of Motion Law of Acceleration	}		----- ----- -----
3 rd Law of Motion Law of Action- Reaction	}		----- ----- -----

After viewing the video clip, complete the following list of tasks. When you have completed the task, put a checkmark in the box to show you are done. **You will be given 1 piece of paper to use for your project. Make sure your project is neat, creative and that you use complete sentences.**

Task	Done
On side 1 of your project paper:	
1. Illustrate (draw) the scene for one of your examples	
2. Include in your illustration:	
<ul style="list-style-type: none"> • title 	
<ul style="list-style-type: none"> • the law you are representing 	
<ul style="list-style-type: none"> • a drawing of the scene 	
On side 2 of your project paper:	
Describe your illustration using 3 paragraphs.	
Paragraph 1: Describe what is happening in the scene.	
Paragraph 2: Explain how this scene represents the law.	
Paragraph 3: Explain how the following concepts are involved in the scene:	
<ul style="list-style-type: none"> • inertia 	
<ul style="list-style-type: none"> • speed 	
<ul style="list-style-type: none"> • acceleration 	
<ul style="list-style-type: none"> • 2 examples of balanced forces 	
<ul style="list-style-type: none"> • 2 examples of unbalanced forces 	
<ul style="list-style-type: none"> • gravity/weight 	