

<p>PowerPoint—Stand Alone</p> <ul style="list-style-type: none"> • At least 10 informational slides and one title slide with student's name • No more than 10 words per page • Slides must have color and no more than one graphic per page • Animation is optional, and must not distract from information being presented 	<p>PowerPoint—Speaker</p> <ul style="list-style-type: none"> • At least 10 informational slides and one title slide with student's name • No more than two words per page • Slides must have color and no more than one graphic per page • Animations are optional but should not distract from information being presented • Presentation should be timed and flow with the speech being given 	<p>Product Cube</p> <ul style="list-style-type: none"> • All six sides of the cube must be filled with information • Should be neatly written or typed • Name must be printed neatly on the bottom of one of the sides • Should be submitted flat for grading
<p>Puppet</p> <ul style="list-style-type: none"> • Puppet should be handmade and must have a moveable mouth • A list of supplies used to make the puppet will be turned in with the puppet • \$1 contract signed • If used in a play, all play criteria must be met as well 	<p>Questionnaire</p> <ul style="list-style-type: none"> • Neatly written or typed • At least 10 questions with possible answers, and at least one answer that requires a written response • Questions must be helpful to gathering information on the topic being studied • At least 15 people must provide answers to questionnaire 	<p>Quiz</p> <ul style="list-style-type: none"> • Must be at least half sheet of paper • Neatly written or typed • Must cover the specific topic in detail • Must include at least five questions including a short answer question • Must have at least one graphic • An answer key will be turned in with the quiz
<p>Quiz Board</p> <ul style="list-style-type: none"> • At least five questions • Must have at least five answers • Should use a system with lights to facilitate self-checking • Should be no larger than a poster board • Holiday lights can be used • \$1 contract signed 	<p>Recipe/Recipe Card</p> <ul style="list-style-type: none"> • Must be written neatly or typed on a piece of paper or an index card • Must have a list of ingredients with measurement for each • Must have numbered steps that explain how to make the recipe 	<p>Scrapbook</p> <ul style="list-style-type: none"> • Cover of scrapbook must have a meaningful title and student's name • Must have at least five themed pages • Each page will have at least one meaningful picture • All photos must have captions
<p>Song/Rap</p> <ul style="list-style-type: none"> • Words must make sense • Can be presented to an audience or taped • Written words will be turned in before performance or with taped song • Should be at least 2 minutes in length 	<p>Speech</p> <ul style="list-style-type: none"> • Must be at least 2 minutes in length • Should not be read from written paper • Note cards can be used • Written speech must be turned in before speech is presented • Voice must be clear, loud, and easy to understand 	<p>Story</p> <ul style="list-style-type: none"> • Must have all of the elements of a well-written story (setting, characters, conflict, rising action, and resolution) • Must be appropriate length to allow for story elements • Should be neatly written or typed

Name _____

Homeroom _____

Force, Motion, and Newton's Laws Project

Guidelines:

1. You may complete as many of the activities listed within the time period.
2. You may choose any combination of activities.
3. Your goal is to pick activities with a minimum total value of 20.
4. You may be as creative as you like within the guidelines listed below.
5. You must show your plan to your teacher by _____
6. All activities must be completed by _____ *← Due Date*

Plan to Do	Activity to Complete	Value
	Create a song or rap that explains the difference between speed and velocity.	20
	Create a windowpane for the 10 most important vocabulary words in this unit.	10
	Develop a worksheet for calculating force, speed, or acceleration with at least five real-world situations.	20
	Design a PowerPoint presentation that teaches users how to calculate speed, force, and acceleration.	15
	Create a collage of pictures that show forces at work in our daily lives. Identify the forces at work in each picture.	10
	Create a roller coaster with at least three hills and one loop that can transport a marble at least 2 meters from start to finish.	30
	Create a children's book that teaches young readers about force and Newton's three laws of motion.	30
	Make a flipbook for Newton's three laws of motion.	10
	Record an educational video about Newton's three laws of motion and the part they play in our daily lives.	30
	Physicists have proclaimed that any motion could be an example of all three of Newton's laws of motion, depending on how you interpret the motion. Create a brochure that supports or disproves this statement.	30
	Develop a unique method for remembering each of Newton's laws. Share your method with your classmates.	30
	How would Isaac Newton feel about being so famous in today's time? Prepare a "You Be the Person" presentation to answer your classmates' questions about your life and work.	30
	Submit your free-choice proposal form for a product of your choice.	10-30

Name: _____

Teacher's Approval: _____

Free-Choice Proposal Form for Point-Based Menu

Points Requested: _____

Points Approved: _____

Proposal Outline

1. What specific topic or idea will you learn about?
2. What criteria should be used to grade it? (Neatness, content, creativity, artistic value, etc.)
3. What will your product look like?
4. What materials will you need from the teacher to create this product?