Introduction

My name is Sir Isaac Newton, you may have heard of me. It is my displeasure to say that despite my many efforts, it has been discovered that many students do not know my Laws of Motion. It is your job to team up and gather information about these laws and present them to other students. You and your group will be informing others about each law by using examples and real life explanations for each law.

Tasks

Sir Isaac Newton has given you and your group the task to create a PowerPoint or Prezi Presentation that will teach other Middle School students about the Laws of Motion. You will be researching and demonstrating each law with examples. Your PowerPoint/Prezi must include graphics as well as written explanations for each law. Be as creative as you can because in the end you will be presenting your final product to Sir Issac Newton. Good Luck!

Process

Step 1: Separate the group into four experts: Newton's First Law of Motion Expert Newton's Second Law of Motion Expert Newton's Third Law of Motion Expert Newton (the person) & Editing Expert Step 2: Scroll down and read the appropriate description for your job. This information will tell you what you need to do and what links you can use to find your information. If you are the editing expert, you should help the experts in your group find the information that is important. Step 3: Once you have finished your research, you will need to sit as a group and sort through each expert's findings. Highlight and incorporate these main ideas into your PowerPoint/Prezi. Step 4: As a team, you will create a list of vital vocabulary words for each Law of Motion. These vocabulary words will help other students understand each law. Define these words and insert them into your group's PowerPoint/Prezi Presentation in a creative way. Step 5: Now that you have found the most important information organize your data into a "slide show" format (map out what will be on each slide of your PowerPoint/Prezi). This will help you while you are creating your presentation. Each team member must agree to the examples and explanations of each law, the title of the slide show, and how the PowerPoint will look. Step 6: Create the Slides - You may use no more than three slides per law. The Editing Expert will create the title slide and the works-cited slide. Your PowerPoint/Prezi must have: Title Slide (Names of Group Members, Title, and Class Period) Newton's First Law of Motion Newton's Second Law of Motion Newton's Third Law of Motion Works Cited (Credit the sites you took information from) Newton's Law Experts You are the EXPERT, the one who "knows everything" about Newton's 1st, 2nd or 3rd Laws of Motion. Your job is to search the internet using the links below to find the MOST IMPORTANT FACTS about this law. Make sure for your slide, you type the law EXACTLY as it is stated and that you include some written language and some graphics that help to explain this law of motion. Editing Expert: Your task is to create the title slide and the Works Cited slide. You are also responsible to create a biographical slide on Newton.&nbsp; Make sure that you document each site that your experts use for information. The Title slide must have your presentations title, names of all members and your class period. Please follow &nbsp;When creating your Works Cited slide.&nbsp;WEBITES: Please log in to your edmodo account and access the Laws of Motion folder for appropriate websites to use or follow Mrs. Carscadden's instructions on Destiny searches. &nbsp;DO NOT google or use wikipedia.

Evaluation

The following rubric will be used to evaluated your project. Each person is responsible for their own work and will not be judged on what others contribute. Please note one category did not make it to the rubric below. You will also be evaluated on Text - Font (easily read, stands out, looks good).
You have done it! Isaac Newton loves your informational PowerPoint/Prezi and will use it to present his Laws of Motion to students all around the world! But real question is, "What have you learned?" Write a "Diary" entry that explains what you believe to be the most important law of motion and why; then reflect on how you felt about this assignment.

Credits & References
Designed by: Ashley R. Elam aelam@franklincollege.edu
http://teacherweb.com/LA/CaldwellMiddleSchool/NewtonsWebQuest/index.html
http://webquest.sdsu.edu/templates/lesson-template1.htm
http://www.glenbrook.k12.il.us/gbssci/phys/Class/newtlaws/u2l1a.html
Louviere, Georgia. "First Law of Motion." Surfing The Net With Kids. 10/24/06
http://teachertech.rice.edu/Participants/louviere/Newton/law1.html
http://www.can-do.com/uci/ssi2001/newtonspyscience.nb.html
http://teachertech.rice.edu/Participants/louviere/Newton/law2.html
O'Donnel, Marc. "What are Newton's Three Laws of Motion?" All World Knowledge http://www.allworldknowledge.com/newton/index.html
"Skateboard Science". Exploratorium http://www.exploratorium.edu/skateboarding/trick02.html
http://www.learner.org/interactives/parkphysics/Funderstanding.