Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Recorder: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Manager: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Speaker: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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**TASK:**

To review the key ideas in Newton’s Laws of Motion and to create an animation using “stop motion” animation to demonstrate/illustrate the laws in a creative manner. All animations must be original student work.

**MATERIALS:**

Any materials you wish to use. You must come to class prepared on “animation day” to take all your pictures. Some suggested materials: paper, playdough/plastercine, pompoms, pipe cleaners, cups, whiteboard with markers and toys.

**PROCEDURE:**

1. In your assigned teams you will create a storyboard to plan out your story. You will also need to make a list of all the materials you will require and assign duties to your team members.
2. On “animation day”, you must take all your pictures. Cameras will be supplied. All pictures must also be downloaded before you leave class. Bring a USB key just in case!

**Suggestions:**

* 1. It is important that all your still images are taken from the same location each time. Set up your camera carefully and make sure it remains at rest.
  2. You must take LOTS OF PICTURES! Move your objects only slightly between frames and take many pictures.

1. Using Movie Maker to animate! Movie Maker is on the school network. You must first download all your pictures into a folder in your user space. Once you have the pictures downloaded into a folder, you will then open Movie Maker and import all your pictures. Refer to the attached “Quick Guide” for Movie Maker instructions.

**Suggestions:**

* 1. Add proper titles and credits to your movie.
  2. Add music from the Media (M:) drive. This music is copyright cleared for use.
  3. Reduce text! Too much text gets distracting. Try using a voice over to discuss what you are presenting. Be creative!
  4. Make sure you save your work regularly in the same folder as all your downloaded pictures. Once you are finished creating your movie, make sure you create a **movie file** for submission. The movie will not play for the teacher unless it is saved as a **movie file**.

**VERY IMPORTANT! Be creative! Have fun!**

**FOR SUBMISSION:**

1. Storyboard with planning stages rough notes.
2. Completed animation