Keynote Presentation: Explore Phase

www.icloud.com/keynote/AwBWCAESEIzOoOvI7EqHJxu-WlcaKj27C9HbDxwEoJ3VBQj6Xumz6t_r09U7uuTZL9skOLOoUVH05lzvE1LWuAMCUCAOEEILEKT5F8ra_AGb63valLUJAIFMbpXVbtFwTVY37S3G#Forces_and_Motion_Bungee_Test_1

Password: Watkins

Student Photos

Reading from Max Axiom

Using iPad for data collection
Resources

Materials needed:

- action figures: 12 figures, similar dimensions. [www.walmart.com/ip/The-Corps-Deluxe-12-Action-Figure-Set/28422320](http://www.walmart.com/ip/The-Corps-Deluxe-12-Action-Figure-Set/28422320) (This set can also be used for lessons on the human body and joint movement.)

- 7–8 fishing sinkers: 1 oz. and 2 oz.
- rubber bands (size #64)
- 2 meter sticks (per station)
- ruler
- twine
- paperclips (large and small)
- tape

How to set up the Bungee Testing Area:
Tie two pieces of twine around a meter stick and cut off access at knot. Hang paper clip from twine.

Separate two student desks by about 80 cm. Tape ends of meter sticks to the desks; reinforce with a textbook.

Tape second meter stick perpendicular to the first meter stick, in a horizontal position.

Note: Students must be made aware of the measures on the meter stick (increasing or decreasing toward floor). As measurements are taken, the data table numbers will increase or decrease, depending on whether perpendicular meter stick starts at zero from the floor. In our testing, the action figure’s boot bottom was the point of measurement.
Websites:
http://marvel.com/comics

Supplement for science graphic novel:
www.capstonekids.com/characters/Max-Axiom/index.html
| **Storyboards**  
(by template) **The product:** | Not Evident | Developing | Meets |
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<td>Defines or explains at least one science concept or key term applicable to the lesson</td>
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<td>Incorporates data or data findings in at least one panel</td>
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<td>Shares knowledge about gravity, opposing forces, or applies laws of motion</td>
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<td>References multiple text sources</td>
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<tr>
<td>Uses at least two informational text features (e.g., label, caption, diagram, heading, domain-specific vocabulary)</td>
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<td>Uses graphic novel features (e.g., panel, frame, speech balloon, bio blurbs, and special-effects lettering)</td>
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*Note: Final group graphic novel must include table of contents, glossary, and index.

**Additional feedback:**