January STEM CHALLENGE

Build the Strongest Snowman Challenge

Due Date: 2/3/17

Challenge: The neighborhood kids are knocking down all of the snowmen with snowballs! Can you build a strong enough snowman to withstand being knocked down by the kids using the provided materials?

Procedure:
• Create a snowman using the provided materials
• Throw (snowballs) at your snowman to see how many he can withstand before being knocked down.
• Record the classroom data on the provided data sheet

Materials:
• Newspaper
• Toilet paper
• Masking tape
• Pom poms/ large marshmallows/ bean bags

Submission:
- Draw or take a picture of your team's creation and list materials used
- Answer the challenge question
- Complete the classroom data sheet
- What changes would you make if any to your design and why
- Please submit your drawing/picture and answer to the challenge question to us in the “PONY” to Bath High School Room 444-STEM
- Please make sure each submission has the child’s name, school district, grade level and teacher name included.
Data Sheet

How many snowballs did your snowman get hit with before falling apart?

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<th>Group Names</th>
<th>Number of Snowballs</th>
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