



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 teams 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?

Group Names	Number of Snowballs