



# Teen Program Evaluation Tool

**Program Name: Trebuchet Challenge – Marshmallow Toss!**

**Date/Time: March 16: 4:00-5:30 Total # of Attendees: 8**

Use this tool to poll attendees before and after your program. You just need to add in your specific areas of focus in the parentheses below. These will be directly related to the desired outcomes of your program. You could always add another question to this, but try to keep it short and easy to administer to teens!

You can poll in a group or ask the questions individually. If you poll as a group, make sure to capture the number of each response in order to collect accurate data. You can then total the responses and divide by the number of participants to get an average “score” for each area and see growth from before to after (we hope!) See the sample evaluation provided for an example of what this might look like.

Two thumbs up is the highest response or a 5, one thumbs-up a 4, a side-ways thumb is right in the middle or a 3, one thumbs down a 2, and two thumbs down is the lowest score or a 1.



Use the back of this sheet to record anecdotal data. Things you hear the teens say that capture the success of the program, or help you see areas you can improve are all valuable. Make notes on things you see the teens doing as well. These all add to the picture of your program’s impact on the teens.

<b>BEFORE the program (1 is low and 5 is high)</b>	<b>AFTER the program (1 is low and 5 is high)</b>	<b>Average Scores Before/After</b>
1. My overall understanding of how trebuchets work: (low) 1 - 2 - 3 - 4 - 5 (high) # of each           4   3   1	1. My overall understanding of how trebuchets work: (low) 1 - 2 - 3 - 4 - 5 (high) # of each                       2   4   2	$(4+6+3=13/8=1.625)$ $(6+16+10=32/8=4)$ <b>1.625/4</b>
2. How confident are you with FischerTechnik materials? (low) 1 - 2 - 3 - 4 - 5 (high) # of each           7   1	2. How confident are you with FischerTechnik materials? (low) 1 - 2 - 3 - 4 - 5 (high) # of each                       5   3	$(7+2=11/8=1.365)$ $(10+9=19/8=2.375)$ <b>1.365/2.375</b>
3. My ability to build a working trebuchet: (low) 1 - 2 - 3 - 4 - 5 (high) # of each           7   1	3. My ability to build a working trebuchet: (low) 1 - 2 - 3 - 4 - 5 (high) # of each                       2   7   1	$(7+2=11/8=1.365)$ $(6+28+5=39/8=4.875)$ <b>1.365/4.875</b>
4. My interest in STEAM topics or areas: (low) 1 - 2 - 3 - 4 - 5 (high) # of each           4   3   1	4. My interest in STEAM topics or areas: (low) 1 - 2 - 3 - 4 - 5 (high) # of each                       1   4   2   1	$(8+9+4=21/8=2.625)$ $(2+12+8+5=27/8=3.375)$ <b>2.625/3.375</b>
5. How likely are you to come to another program similar to this one? (low) 1 - 2 - 3 - 4 - 5 (high) # of each           4   2   2		<b>Average score:</b> <b><math>(12+8+10=30/8=3.75)</math></b>

**Anecdotal Data**  
**(Things I Heard, Things I Saw...)**

**Things I heard:**

**“This is so cool – I never knew what a “trebuchet” was before this! I had heard about them in the movies, but didn’t know they were a type of catapult! My marshmallow flew clear across the room!”**

**“These building tools are the coolest! You can do so many things with them.”**

**“That was so fun! I loved chucking marshmallows to see who could go furthest! I think I have an idea on how to build my trebuchet even better!”**

**“When are you going to do something like this again?”**

**“Can I come build with these anytime I want?”**

**Things I Saw:**

**David and Ben were working together so well! They were engaged and discussing how to make their trebuchet even better.**

**The girl’s team was very competitive! Emily and Sara were working so hard. The challenge was really bringing them together to figure out how to build the trebuchet so it would fling the marshmallow farther.**

**Everyone seemed to be very engaged. Very little behavior management needed today. Lots of laughing during the competition as the marshmallows flew!**

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**Project Staff: Sue and Erica**