 Tallest Tin foil tower

January

Engineering

due Jan. 28th

Challenge Rules:

* You must only use one box of tin foil for this challenge. No additional materials are permitted! (25 feet of tin foil)
* Your goal is to build the tallest possible tower using the box of tin foil.
* The tower must be free-standing and constructed on a flat surface.
* Send a picture and information sheet to [skitchen@alpinedistrict.org](mailto:skitchen@alpinedistrict.org) by January 28th 2021.
* There are many different ways to complete this challenge. Be Creative!

Judged On:

1. Tallest Tower
2. What tower stayed standing the longest
3. How much weight did it hold before falling
4. Creativity
5. Engineering Structure

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FORM

Must be included with your picture of your tin foil tower.

Email to skitchen@alpinedistrict.org

Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Teacher\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. How tall is your tower?

2. How many feet of tin foil did you use?

3. How much weight did it hold before falling?

4. What did you put on it to see how much weight it held?

5. How long did it stand before falling?

4. Explain the process of making your tower?

5. What did you do to in]improve your tower?

6. What did you learn?

7. What would you do differently?

8. What are you still wondering?