The Brown Bag STEM Challenge- Post-It Note Tower

This Brown Bag STEM Challenge is another tower… this time constructed ONLY of Post-It notes! Like the Marshmallow Tower Challenge, this challenge is best done with at least one other person! ☺

Materials (per team):

* One “book” of 3x3 Post-It notes
* A yardstick

Your challenge is to use the materials above to build the tallest free-standing tower. Once you’re done, take a yardstick and hold it next to your structure. Have someone take a picture! Email your picture to: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Don’t forget the Engineer Design Process! The best work comes from a thoughtful plan, careful observations, reflection, and then REDESIGN… An engineer’s work is never done as there is ALWAYS room for improvement (i.e. a taller structure!). You can plan, design, and retry as many times as you want… that’s what engineers do… the “best” structure will likely come from someone who has revised (based on careful observations and creative problem solving) multiple times.

So, what will you learn?  [National Science Standards:](http://www.nap.edu/openbook.php?record_id=4962&page=105" \t "_blank) strength of structures, scientific inquiry, applying the design process, force and motion, abilities of technological design.  Other Skills: Team-building, cooperative learning, decision making

Happy building!

Created BY Mrs. Jayne Reck and Mrs. Kimberly Lennox