

BUILD IT! BUILD IT AGAIN!

You have solved your Central Challenge! And an assortment of Instant Challenges, too! These are wonderful achievements! But I'm sure that there are some things you would do differently if you had the opportunity to do it all over again. With this Instant Challenge, you will!

Challenge: Using the first set of materials, build a tower as tall as you can.

Then, using the second set of materials, build a different tower as tall as you can. Remember that the creativity and innovation of your structures will also count!

Time: Part One: You will have 3 minutes to design and construct a tower as tall as possible with the first set of materials.

Part Two: You will have 3 minutes to design and construct a second tower as tall as possible with the second set of materials. This tower should **not** be a copy of the first tower.

Part Three: The appraisers will have 2 minutes to measure the height of each of your towers and evaluate the creativity and innovation of their designs. Team members may not support the towers while they are being measured.

Materials: two identical sets of materials, one for each tower:

one sheet of plain paper

two file cards

three mailing labels

one paper cup

two straws

three toothpicks

measuring stick (for use by the appraiser)

Scoring: one point for each inch in height of the first tower

up to 20 points for the creativity of the first tower

one point for each inch in height of the second tower

up to 20 points for the creativity and innovation of the second tower

up to 20 points for positive teamwork