Paper Towers

This presentation provides students the opportunity to learn about towers. It discusses basic towers existing, the functional definition of a tower, and forces that impact them. Once these principles are learned the students are given the opportunity to test their engineering skills.

The student engineers will use the available materials, provided by the presenter, to design and construct their own towers. This work will take place in a team setting and timed, all under the direction and support of the presenter. Once, constructed, the towers must stand independent of any support and be constructed of only the materials provided by the presenter. The tallest tower wins. This process gives the students the chance to experience the effects of forces and load on towers.