

Rock-it Science Observations For Winter Lessons 2010

Zoob Towers

Students were given a large number of zoobs to build a tower as tall and as strong as possible.

They may have discovered:

- It helps to work in groups.
- It is hard to balance books on a skinny tower.
- Fat towers take a long time to build by yourself.
- Taller towers are weaker than a short one with the same width and depth.
- Rectangular or square towers worked better than round ones.
- Towers that looked cool with changes in size didn't hold as many books.
- Testing the towers with stacks of books on top was dangerous.
- Big books stack higher than little books.
- Squishy books near the bottom spell disaster.