

## NEW HAMPSHIRE

The most famous natural structure in New Hampshire was a series of ledges on Cannon Mountain that looked like a Great Stone Face. Unfortunately, the Old Man of the Mountain collapsed in 2003. The mice are too late to see the real formation, but they can make their own!

**Challenge:** Build a new Old Man of the Mountain. Make sure it is wider at the top than the bottom and can stand by itself!

**Time:** Part One: You will have 4 minutes to design and construct a tower that has a “face” of some kind that extends out to one side. The structure should be able to stand by itself.

Part Two: You will have 1 minute to show your creation to the appraisers. Team Members may not touch the solution during this part.

**Materials:** 3 straws  
4 sheets of plain paper  
6 mailing labels  
6 craft sticks  
2 pipe cleaners  
5 paper clips  
scissors (may not be included in the solution)  
color markers (may not be included in the solution)  
measuring stick (for use by the appraisers)

**Scoring:** 5 points for each inch from the bottom to the top of the structure  
10 points for each inch the “face” extends beyond the bottom  
of the structure (see Special Note)  
up to 20 points for the creativity of the “face”  
up to 20 points for positive team work

**Special note:** Formula for this part of the scoring:  
(((“width at face” - “width at bottom”) x 10 points = score)