



WISCONSIN

# INSTANT CHALLENGE: FLYING FEATHER

## Challenge:

Build the tallest possible structure, place a feather on the top, and then blow the feather off to land as far away as possible.

## Time:

You have 5 minutes to use your teamwork, creativity, and innovation skills to build the structure with the materials provided. You will then have one chance to blow the feather as far as you can.

## The Scene:

You have been asked to build a new prop for the sequel to The Muppets. The structure must be freestanding on the table top and must be as tall as possible so that the feather can fly a long distance. After the 5-minute build time, the height of the structure will be measured. You will then place the feather on the top of the structure and, with one large puff of air, see how far the feather will fly.

## Materials:

Aluminum foil, 2 paper clips, 4 straws, 3 sheets of paper, 4 pipe cleaners, 1 label, 1 feather

