

Challenge #3: Bob's Safety Step Stool



Problem:

Bob had an "unfortunate incident involving the dictionary." It tipped over and he hurt his foot. Now he thinks his foot is detached from his body and he needs to keep the chicken suit on to keep his foot from falling off!

Challenge:

Build Bob a step stool so he has a safer way to climb and reach for things.

Criteria:

1. The step stool must be able to hold Bob without tipping over.
2. It must be at least 1 foot off the ground.

Constraints:

You may choose to use ONLY 4 items from this list:

1. Four feet of masking tape
2. Flat Cardboard
3. Cardboard tubes
4. Egg Carton
5. Makedo Kit

You may also use scissors and a ruler. These are "free" items.

Research:

You may do an online search to look at step stool designs to get ideas.