

Questacon Science Squad Activity – Knock down clown

The video for this transcript can be found on the Questacon Science Squad website at:

<http://sciencesquad.questacon.edu.au/activities/>

Transcription from video:

(Sound of bubbles popping)

Rachel: Hi everyone, my name's Rachel, and I'm from the Questacon Science Squad. Today I'm going to show you how to make a knock down clown.

(Camera pans down to the table)

You need:

- a craft knife
- a pair of scissors
- a bouncy ball
- a piece of paper and
- some sticky tape.

Now watch what happens when I roll the pink ball, it wants to keep rolling.

(Rachel rolls the ball across the table).

But if you cut your bouncy ball in half using the craft knife.

(Rachel shows one half of the bouncy ball).

Watch what happens now. I can push it and it keeps bouncing back into the middle.

(Rachel pushes on the ball to show it bouncing back to the middle).

But earlier I made a paper tube and I stuck it to another half-cut bouncy ball like this.

(Rachel shows the paper tube with the half cut bouncy ball in it).

So you can do that later using a piece of paper and the sticky tape.

(Rachel points out and moves both paper and sticky tape to the side of the table).

Now watch what happens when I knock the half-cut bouncy ball down now. It falls down! What a shame!

(Rachel shows how the half cut ball falls over when knocked).

But what if we cut strips off it like this, one, two. Let's see if it bounces back into the middle now. No!

(Rachel cuts the paper and knocks it over again).

I think we might need to cut one more piece off like so. And let's see if it bounces back into the middle now. There we go. There's our knock down clown.

(Rachel cuts the paper again and tries to knock it down).

Now, I thought it'd be really cool if we decorate our knock down clown, and for that I have our wonderful *Questacon* space man. So let me just stick that on the front there. And give him a bit of a push and he bounces back into the middle.

(Rachel sticks the spaceman on and knocks it again).

If you'd like to know how to make a knock down clown or to look at any other activities that we have for you visit our *Questacon* website. See you next time.