

Questacon Science Squad Activity – Balloons in bottles

The location of the video for this transcript is:

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

Transcription of video:

(Sound of bubbles popping)

Rachel: Hi everyone, my name's Rachel and I'm from the Questacon Science Squad. Today, we're going to show you how to play a really cool trick on your friends.

(Camera pans down to table)

You Need:

- 2 clear plastic bottles
- 2 different coloured balloons
- a ballpoint pen and
- a thumbtack

(Camera pans to Rachel's face)

The challenge in this activity is to blow up a balloon inside a bottle, but here's the trick your bottle is going to have a hole in it. So what you need to do, is take your bottle and puncture a hole in the bottom using the thumbtack.

(Rachel pushes a hole in bottle with thumbtack)

Next, take the ballpoint pen and make the hole bigger.

(Rachel uses the pen to make hole bigger)

Just like the one I prepared earlier.

(Camera zooms out to show the other bottle)

The next step in the process is to put the balloon down through the neck of the bottle and get the top of the balloon and stretch it over the neck of the bottle.

(Rachel puts balloon into top stretching it over the neck of the bottle)

And do it with the other one as well.

(Rachel puts a balloon in the other bottle)

And of course you need to invite someone to challenge you to a balloon bottle blowing competition. But make sure your bottle is the one with the hole in it. Here we go. Ah Tim, would you like to challenge me to a balloon in a bottle blowing competition?



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(Rachel calls out to Tim)

Tim: Yeah

Rachel: I am the 3 time Australian champion, are you sure you want to do this? OK, after I say go, Tim, let's see who can blow the bottle up the f, [I mean] blow the balloon up the furthest inside the bottle. Are you ready?

Tim: Yep

Rachel: Set, Go!

(Camera zooms out to see both Rachel and Tim blowing up their balloons)

Rachel: Tim! What's going on?

(Tim gasps)

Obviously, I won that competition. If you'd like to know why Tim couldn't blow up his balloon in the bottle, you can visit our website. And Tim, why are you wearing a dress? See you next time.