**Questacon Science Squad Activity – Balloon Blowout**

The video for this transcript can be found on the Questacon Science Squad website at: [http://sciencesquad.questacon.edu.au/activities](http://sciencesquad.questacon.edu.au/activities)

**Transcription from video:**

*(Sound of bubbles popping)*

Steve: Hi, my name’s Steve and I’m from the Questacon Science Squad. Today I’m going to show you how you can inflate a balloon even if you’re a bit out of breath.

You need:
- a 600mL plastic bottle
- a funnel
- a teaspoon
- bicarbonate of soda (or baking soda) and,
- 150mL of white vinegar.

First what you’ll need to do is get the funnel and insert it into the neck of your balloon. Then get your teaspoon and put in two heaped teaspoons of baking soda into your balloon and make sure you shake it so that all the baking soda goes to the bottom of the balloon. Next, get your funnel, put it in to the top of the bottle and pour in your vinegar.

*(Sound of vinegar pouring into the bottle)*

Now we’re going to get the neck of our balloon, stretch it over the top of the bottle so that it’s on securely. Now you want to hold onto the bottom of your bottle really tightly and tip up your balloon so that all of the baking soda goes into the vinegar.

*(Steve shakes the balloon hard so the bicarbonate soda all falls out into the bottle)*

*(The contents of the bottle bubbles and fizzes up and the balloon inflates)*

And you should get... a BALLOON BLOWOUT!