

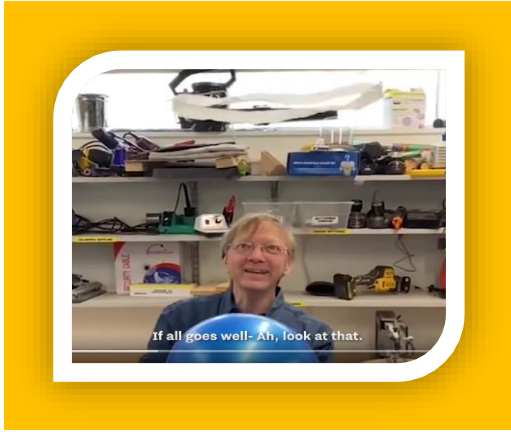
ENGLISH FOR TECHIES

SCIENCE BOB'S DIY EXPERIMENTS

Source : <https://www.youtube.com/watch?v=38NEJxXOIsk>

1/ Balloon experiment

<p><u>List of things you need :</u></p> <p>-</p> <p>-</p> <p>-</p>	<p><u>Write the different steps :</u></p> <p>STEP 1 :</p> <p>.....</p> <p>STEP 2 :</p> <p>.....</p> <p>STEP 3 :</p> <p>.....</p> <p>STEP 4 :</p> <p>.....</p> <p>STEP 5 :</p> <p>.....</p> <p>STEP 6 :</p> <p>.....</p> <p>EXPLAIN HOW THIS IS POSSIBLE</p> <p>.....</p> <p>.....</p>
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Match each word with its French equivalent

English			French
a grocery store	•		•frotter qch
an experiment	•		• jeter qch en l'air
rub sth	•		• montrer, démontrer
hold sth	•		• une expérience
hover above sth	•		• qui ressemble à de la magie
avoid V-ing	•		• une supérette / un supermarché
demonstrate	•		• planer au dessus de qch
throw sth up in the air	•		• s'opposer mutuellement (l'un à l'autre)
look like magic	•		• tenir qch
oppose each other	•		• éviter de faire qch

Match each word with its synonym or definition

regular	•		• = immobile
trash	•		• = inflate with air from your mouth
blow up	•		• = garbage = rubbish
stationary	•		• = normal

2/ Leaf-blower experiment

Match each word with its French equivalent

English			French
turn on	•		• un souffleur
turn off	•		• allumer
suspend oneself	•		• suivre qn
follow sb	•		• ajouter
add	•		• courbe
weight	•		• éteindre
a leaf blower	•		• le poids
curve	•		• rester suspendu

Listen and fill in the following transcript :

For this, you only need aand a soda

This experiment uses the Coanda effect, which is the tendency of a moving fluid to want tothe of an object, like the curve of the top of this soda bottle. To do the experiment, just get your leaf blower pointed straight

Thena little bit of water to your bottle which gives it a little bit of, and then all you've got to do is turn your leaf blower, put it in the flow of air, and it should itself in a bubble of air pressure.

Here we go : let's give it a try !

