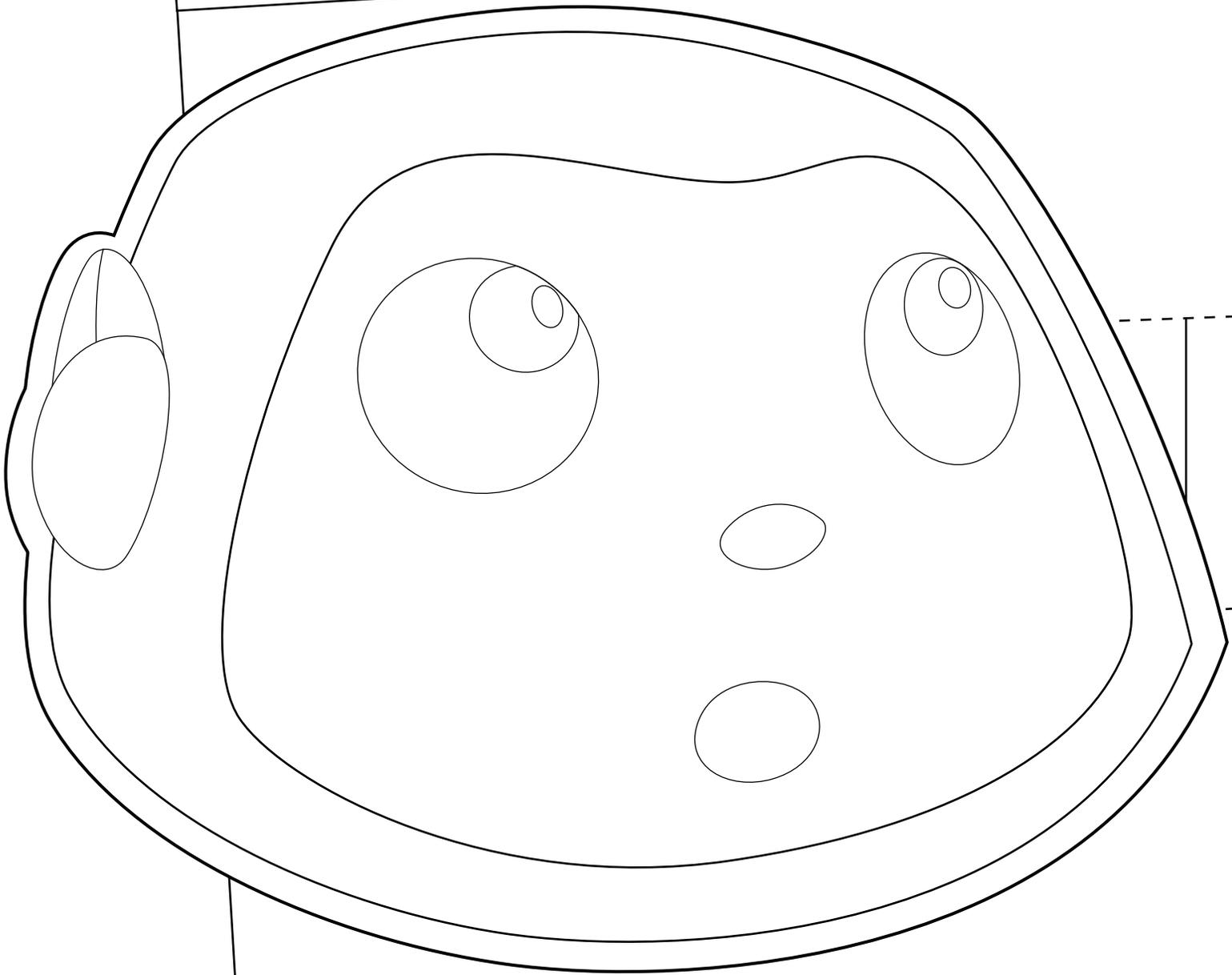


JOB



STEM ACTIVITY

WHAT YOU NEED

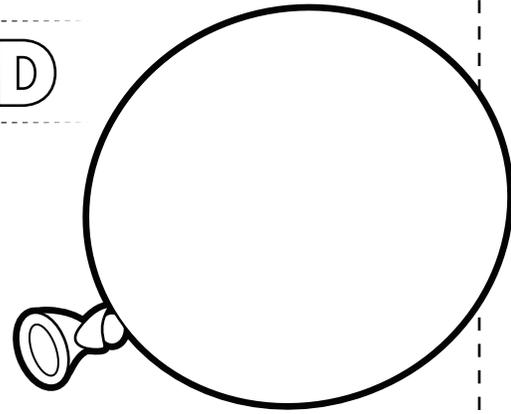


EMPTY ALUMINUM CAN

... or a metal table spoon.

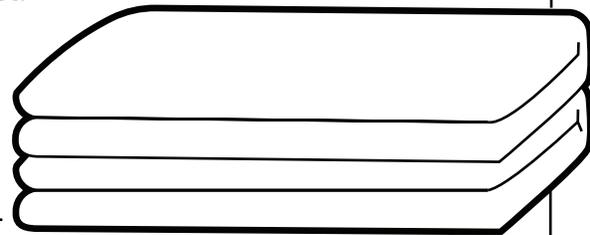
BALLOON

Filled with air.



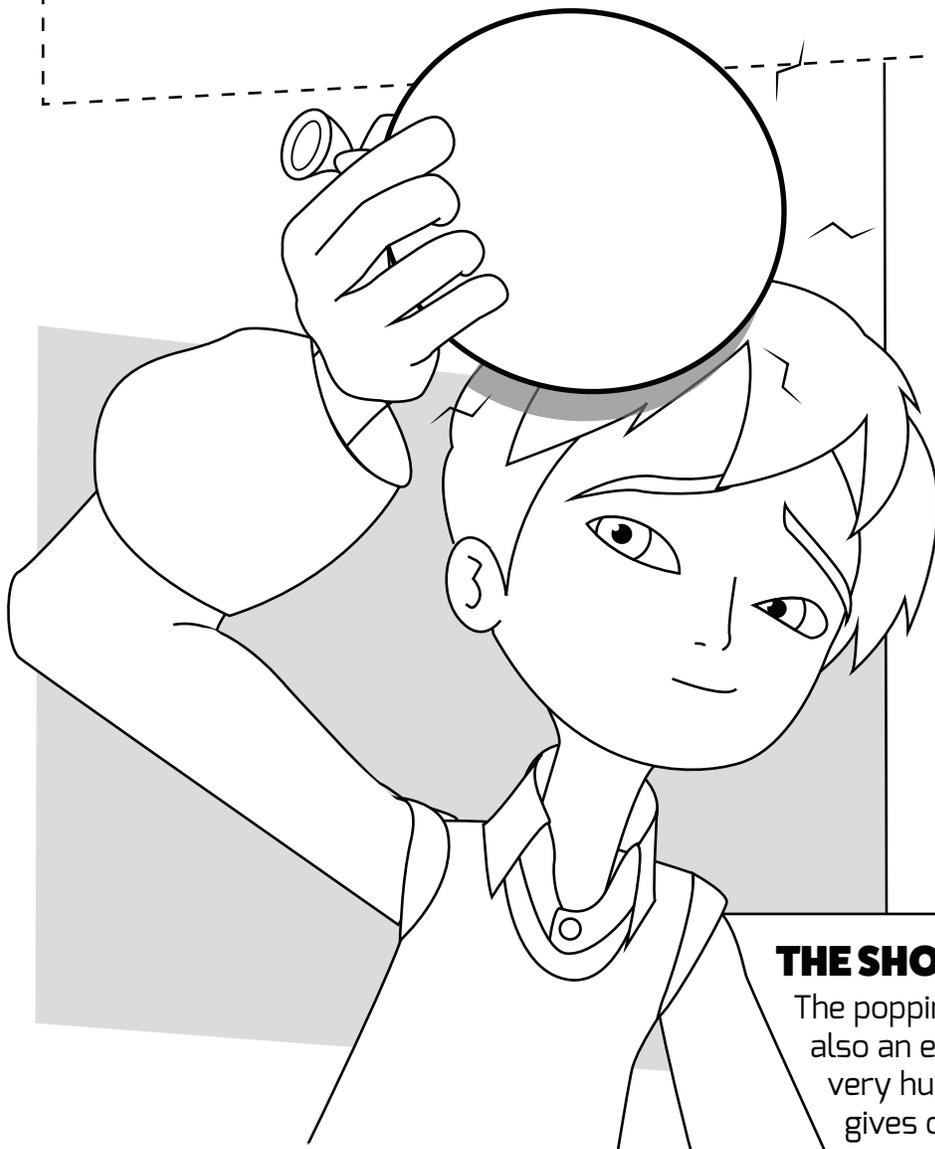
WOOLEN OR FLEECE CLOTH

A small blanket.



DARK ROOM

... with clear path to the lightswitch.



DIRECTIONS

ZAP! STATIC ELECTRICITY!

Inflate the balloon. Rub the balloon on either the wool or your hair thirty seconds. Cut the lights off, then touch the metal spoon to the balloon to see what happens.

OR TRY THIS

Take the woolen/fleece blanket and put it over your head. Slowly pull the blanket downward dragging it across your hair. Do you hear the static?

THE SHOCKING SCIENCE

The popping sound is static discharge. Lightning is also an example of static discharge. A cloud gets a very huge charge by clashing with other clouds. It gives off the excess charge to the ground.