


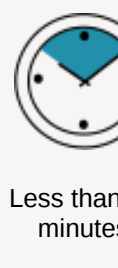
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Smoke Bubbles


Stem Activities




Ages: 9-12



Less than 30 minutes



Grownup needed



You're surely familiar with blowing bubbles, but do you know how to make super cool smoke-filled bubbles? With just simple recyclable materials and a few kitchen items, you can create magical bubbles filled with smoke.

## Materials Needed

White sugar  
Bowl  
Water  
Lighter (or matches)  
Washing-up liquid  
Paper towel  
Scissors  
Spoon  
Plastic bottle



## Step-by-step tutorial

### Step 1

Use scissors or a pencil to make a small hole in the centre of the bottle cap.



### Step 2

Make a small hole in the side of the plastic bottle. If you find this step difficult, ask an adult for help.



### Step 3

Pour water into the bowl.



### Step 4

Add 1 tablespoon of white sugar to the water.



### Step 5

Add 6-8 drops of washing-up liquid and mix well.



### Step 6

Cover the hole in the bottle with your thumb and dip the bottle cap in the soapy water. Then, as shown in the picture, try to blow a bubble.



### Step 7

Light a corner of the paper towel with the lighter and quickly extinguish it. Then place the paper towel in the water bottle. Ask an adult for help with this step and be careful with fire safety.



### Step 8

Following step 6, dip the bottle containing the smoky paper towel in the soapy water. Now try to squeeze out your first smoke bubble!

