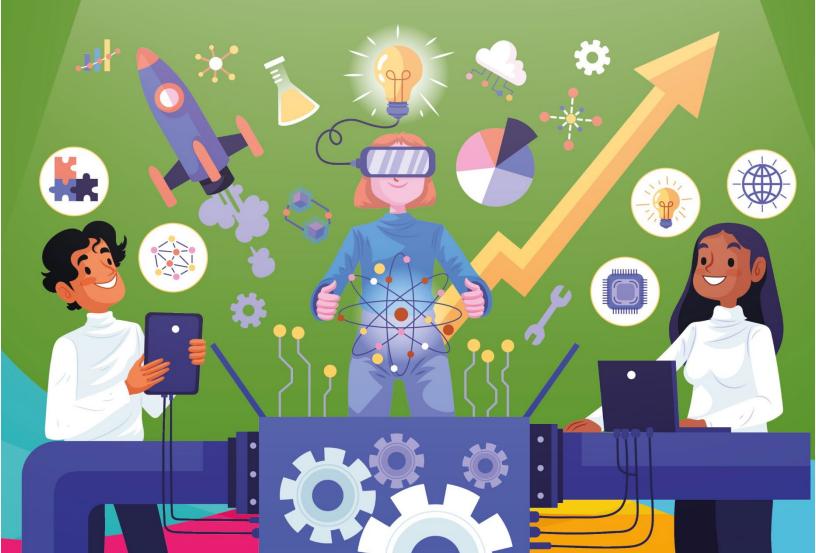


## Science Lab

3



## 3. Liquid pressure

**Topic:** Water pressure

**Objective:** Students will observe water pressure change.

**Vocabulary:** pressure, source **Materials:** - 1 plastic bottle (1 L)

- A big container

- A nail

- Tape

- Water

## **Development:**

• Read and look at the pictures.

**Step 1.** Wash the plastic bottle - get it all cleaned and dry.

**Step 2.** Use the nail to make three holes on the bottle – at about 2 inches apart.

**Step 3.** Cover the holes with tape – make sure they got completely covered.

**Step 4.** Fill in the bottle with water.

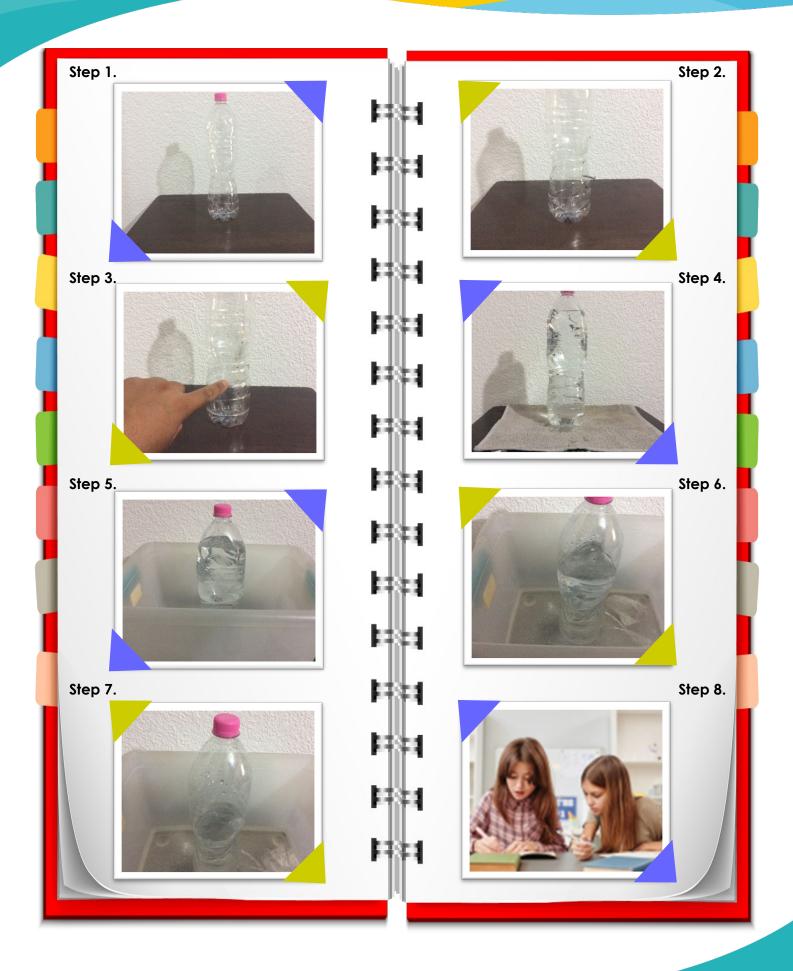
**Step 5.** Put the bottle in the big container.

**Step 6.** Take off the tape so the water can start to come out.

**Step 7.** Observe how the speed at which water comes out changes.

**Step 8.** Repeat the process 3 – 4 times and think of what happens as the space in the bottle increases.





Read and write YES or N	<b>O</b> .	
<ol> <li>You used tape to join</li> <li>Did you use any kind</li> <li>You had to cut the plant</li> </ol>	e to use a second bottle.  n plastic bottles.  of pressure for the experiment?  lastic bottle into two parts.  out from fast to slowly?	
Glue a picture of your p	roject finished!	
	Liquid pressure	
	Glue your	
	picture here	
	• )	
I. What was your favour	ite part of the project?	
1. What was your favour	ite part of the project?	
1. What was your favour 2. What, exactly, did yo		
2. What, exactly, did yo		
2. What, exactly, did you	u like the most?  ou observed during the project.	
2. What, exactly, did you	u like the most?	
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2. What, exactly, did you 3. Extra notes on what you 4. Can you see or apply Explain:	ou observed during the project.  the information from the project in real life? YES /	NO
2. What, exactly, did you 3. Extra notes on what you 4. Can you see or apply Explain:	ou observed during the project.  The information from the project in real life? YES /	NO