

# Science Lab



# 5



## 5. Immortal balloon

**Topic:** Force and pressure

**Objective:** Students will learn about force and pressure, the distribution of force in several points and plan a way to explain it.

**Vocabulary:** force, apply, thumbtacks,

**Materials:** - 4 balloons  
- 20 thumbtacks

### Development:

- **Read and look at the pictures.**

**Step 1.** Blow up several balloons.

**Step 2.** Hold a tack and press the balloon against it. Write down what happens.

**Step 3.** Place 20 thumbtacks on the table so that they are close together.

**Step 4.** Press another balloon against the thumbtacks and write down what happens.

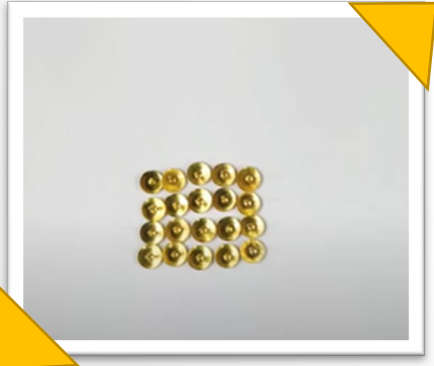
Step 1.



Step 2.



Step 3.



Step 4.



**Tell us...**

**Read and write YES or NO.**

1. You needed soap for this experiment.
2. You used a ball.
3. The balloon resisted to pressure on 20 thumbtacks.
4. Water was used in the experiment.
5. The balloon popped with the first thumbtack.

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**Glue a picture of your project finished!**

Immortal balloon

Glue your  
picture here  
:)

1. What was your favourite part of the project? \_\_\_\_\_.

2. What, exactly, did you like the most?

\_\_\_\_\_.

3. Extra notes on what you observed during the project. \_\_\_\_\_

\_\_\_\_\_.

4. Can you see or apply the information from the project in real life? YES / NO

Explain: \_\_\_\_\_

\_\_\_\_\_.

5. Was it easy to get the materials for the project? YES / NO

Explain: \_\_\_\_\_

\_\_\_\_\_.