

Science Lab



2



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.

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: _____

_____.