



# Science Lab



# 4



## 2. Jumping egg

**Topic:** Chemical reactions in food

**Objective:** Students will learn about some acid reactions on a hard material like the shell of an egg (without damaging the outside).

**Vocabulary:** shell, acid, bounce, rest

**Materials:**

- 1 egg
- 1 glass jar with a lid
- Vinegar

### Development:

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

**Step 1.** Pour vinegar inside the glass jar until it is almost full.

**Step 2.** Put the egg in the jar and close it well. Let it rest for 48 hours.

**Step 3.** Open the jar, take out the egg and dry it carefully.

**Step 4.** Try bouncing it - you will see how the egg bounces when you release it onto a surface (Not too high to avoid breaking - remember that the egg is still liquid inside.).

Step 1.



Step 2.



Step 3.



Step 4.



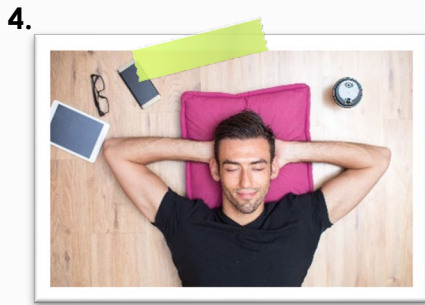
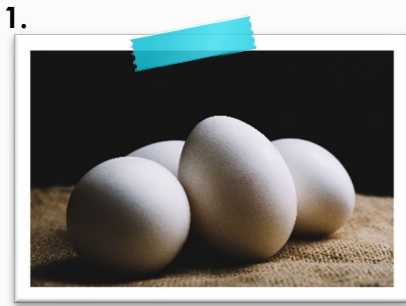
Tell us...

Look and unscramble the letters. Write numbers to match the pictures.

- Cross out the pictures that are not related to the project.

1. l l s e h \_\_\_\_\_
2. o u n e b c \_\_\_\_\_
3. s t e r \_\_\_\_\_
4. v a i r e g n \_\_\_\_\_
5. s g e g \_\_\_\_\_

- Picture \_\_\_\_\_  
Picture \_\_\_\_\_  
Picture \_\_\_\_\_  
Picture \_\_\_\_\_  
Picture \_\_\_\_\_



Glue a picture of your project finished!

Jumping egg

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: \_\_\_\_\_  
\_\_\_\_\_.

