

Student experiment  
(1st - 4th grade)

## Chemically peeling eggs

🕒 Time: max. 15 min.

### Safety:

### Instruments:

- a glass

### Chemicals:

- a raw egg
- household vinegar

### Experiment:

- Lay the raw egg carefully in the glass. Pour enough vinegar into the glass to just cover the egg.
- Let the egg sit for two days and check the glass every so often to see what is happening.

### Advice for the teacher:

Even after this short time period it will be easy to see that the eggshell has disappeared. The raw egg is only held together by the egg membrane and feels like a rubbery bag. The yolk is also recognizable.

The pupils should learn that vinegar contains acetic acid. This acid dissolves that eggshell, thus forming carbon dioxide bubbles which cause the egg to float.

#### Tip:

This experiment is also great as a homework assignment.