



# How can we identify acids and bases?

## Required materials

- water
- a red cabbage
- vinegar
- window cleaner
- baking soda
- a lemon
- toothpaste
- a kettle
- a jug
- transparent cups

## 1. Questions before performing the experiment

1. What do you think, which substances are acidic?

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2. What do you think, which substances are basic?

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## 2. Watch the first video and perform the experiment

Follow the steps outlined in the tutorial video.

Draw a diagram of your experiment in the box on the next page.



### 3. Record your observations

Fill the table.

Substance	Colour of the indicator	Acidic, basic, or neutral?
vinegar		
window cleaner		
baking soda		
lemon		
toothpaste		



#### 4. Conclusion

Describe what happened during the experiment.

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