



THE SIX STEPS OF THE Scientific Method

1. Ask a question
2. Make an observation
3. Make a hypothesis
4. Test with an experiment
5. Analyze and record results
6. Make a conclusion

Wizcabulary

Draw a line to connect the Wizcabulary words to the correct definitions.

WORDS

Scientific method

Solute

Solvent

DEFINITIONS

A substance that dissolves to form a solution or mixture.

A way of solving problems that uses a set of steps to make sure your answer is accurate and based on evidence.

What the solute dissolves into

EXPERIMENT

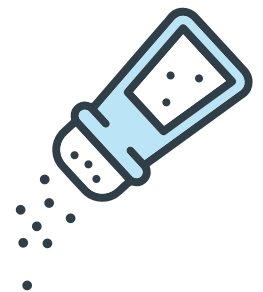
Will it dissolve?

DIRECTIONS

1. Ask a question: Which solutes will dissolve in the solvent?
2. Make an observation about your materials.
3. Make a hypothesis: Write down the solutes you think will dissolve.
4. Test and experiment by adding each solute to each jar and shaking them up to combine.
5. Analyze and record which solutes dissolved into the solvent.
6. Make a conclusion about which solutes dissolved and see if you can figure out why.

SUPPLY LIST

- 6 jars with equal amounts of water
- Flour
- Black pepper
- Salt
- Gelatin mix
- Sugar



WIZ TIP: You can use any solutes you have on-hand for this experiment.



Share your results with Wiz Kid!

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