

Student experiment
(1st - 4th grade)

Does sugar dissolve faster in warm water?

🕒 Time: max. 15 min.

Safety:

Instruments:

- two glasses

Chemicals:

- two crystals of rock candy (roughly the same size)
- warm water
- cold water

Experiment:

- Fill one glass with cold water and one with warm water.
- Let one crystal of rock candy fall into each glass at the same time.
- Observe what happens!

Advice for the teacher:

The students see that the rock candy dissolves faster in warm water.

They should learn that most solution processes happen faster in warm water than they do in cold water.
