

# Temperature Dissolving Investigation



Put the spoonfuls of sugar in a jar of cold / warm / hot water and time how long it takes to dissolve. Carry out 3 tests, one for each temperature and time how long it takes for the sugar to dissolve.

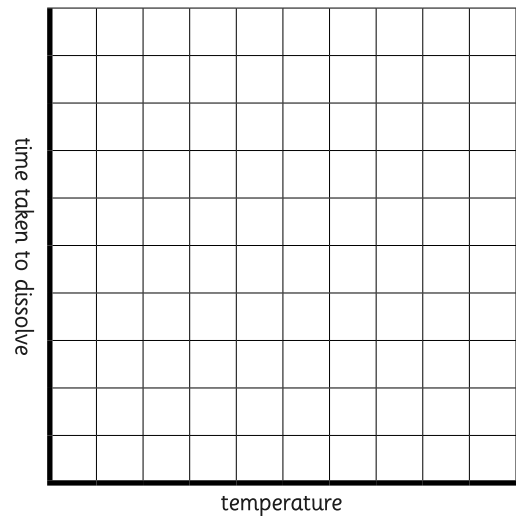
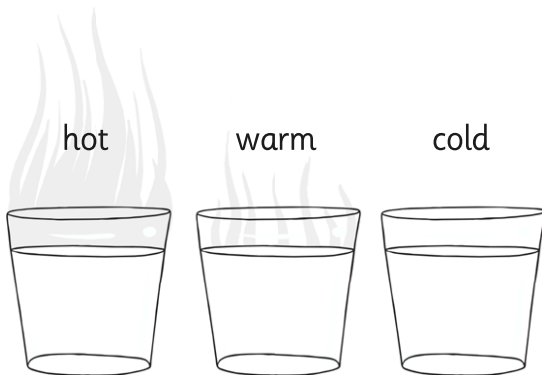
Complete this table:

independent variable	dependent variable	controlled variable	question

Which temperature water do you think will dissolve the sugar fastest?

Draw a bar chart of your results:

\_\_\_\_\_



Find the average time for each temperature.

cold water ___ °C	warm water ___ °C	hot water ___ °C

Conclusion:

How does the temperature of the water affect the time it takes the sugar to dissolve?

\_\_\_\_\_  
\_\_\_\_\_