

Temperature Dissolving Investigation

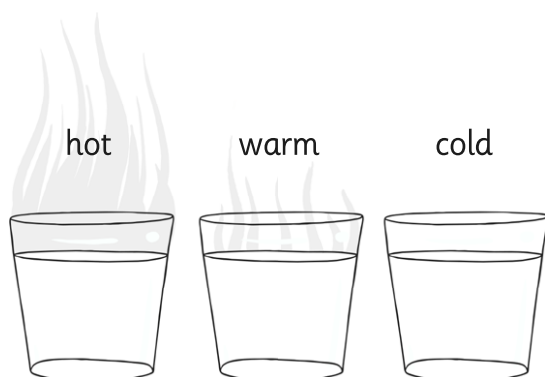


Put the spoonfuls of sugar in a jar of cold / warm / hot water and time how long it takes to dissolve. Carry out 3 tests, one for each temperature and time how long it takes for the sugar to dissolve.

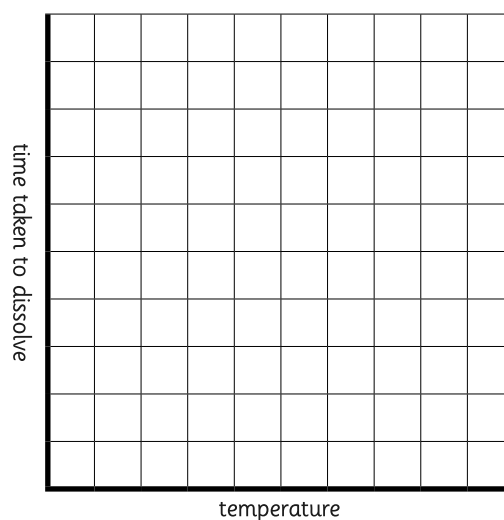
Complete this table:

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?
