

chalk	
flour	
rice	
coffee granules	
sugar	
salt	
gravy granules	

Classify the materials you tested into the correct categories.

Soluble	Insoluble

### Does the temperature of water affect the speed of dissolving?



Put 2 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.

What do you think will happen?

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



cold water



warm water



hot water

\_\_\_\_\_

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

Repeat the tests to make the results more fair.

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