



Science - Properties and changes of matter

Task: Watch the video in your class stream and have a go at the online task to help you to answer the following.

L.O: reversible and irreversible changes

Reversible and irreversible changes

Watch the video to help you answer the following:

1. What does the word dissolve mean?
2. Explain and give examples of something that is soluble and something that is insoluble.
3. Use the link in your stream (or click here <https://www.sciencekids.co.nz/gamesactivities/reversiblechanges.html>) to help you complete the following table. Make predictions first, as to whether you think the following substances are soluble or insoluble in water and then test them and record your findings.

Substance	Prediction (soluble or insoluble)	Result
Sugar		
Sand		
Salt		
Coffee		
flour		

4. Now click on **reversing**.

Predict whether the following will result in reversible or irreversible changes and then test them out. If you are able to reverse any of the changes, explain the method you used to do this.

- Ice (heat or cool)

- Raw egg (heat or cool)

- Salty water (heat or filter)

- Sandy water (heat or filter)