

Science Activity – Thursday 18th March

LO: To investigate what happens when a solid is mixed with a liquid

First watch the BBC Bitesize clip on dissolving as this will help you with today's lesson.

<https://www.bbc.co.uk/bitesize/topics/zjty4wx/articles/zpbdpbk#:~:text=Substances%20that%20dissolve%20in%20water,is%20soluble%20in%20water%20too.>

Watch the lesson on Oak Academy

<https://classroom.thenational.academy/lessons/what-happens-when-i-mix-a-solid-and-liquid-together-74tp8r?step=2&activity=video>

Now you have watched Miss Emms, I would like you to have a try at this yourself. Grab yourself some salt, rice and warm water and mix them up and watch what happens. Then complete the sentences below.

I noticed that the salt.....



I noticed that the rice...



What does it mean when something is 'soluble'?

What does it mean when something is 'insoluble'?

Now I would like you to investigate which solids are soluble and insoluble. Fill in the chart below. I have given you some items to try. (Remember you need to use warm water.)

Soluble	Insoluble

Coffee



Sugar



Pepper

Sand



Flour

Oil



Honey

Jelly



Conclusion: What did you find out?
