

Y4

Science home learning 20th January 2021

Properties and Changes of Materials

Today we are going to investigate separation. To start, follow the link below and complete the online activities:

<https://www.bbc.co.uk/bitesize/topics/zcvv4wx/articles/zw7tv9q>

I would now like you to investigate!

I have planned this thinking about what you might find in your home!

Can you mix the following materials together?

rice and pasta shapes

flour and rice

flour and water (do not stir mixture)

You might have some of your own ideas! You will need a sieve and a colander. Please use the attached worksheet to record what you did and your observations.

Now mix a little cooking oil with some water. Watch what happens. Can you explain what is happening and why you think it is happening? How could you separate the oil and water?

Give it a go!

Please take a photograph of your work and send it in using Dojo.

Have fun! ☺

Mixture	Could you separate the mixture? How did you do it?
flour and pasta shapes	
flour and rice	
flour and water	
oil and water	

