

Homework Ideas

Here is a list of possible homework tasks - read through the list and see which ones you would like to try and bring them into school for your team points!



- Make jelly at home with an adult and observe how the material changes as it turns from liquid to solid.
 - Try investigating by adding other things to the jelly – could you add some fruit to the mixture as it sets? What happens if you add the fruit in later?
 - What happens if you add some milk into the liquid jelly before it sets? (Ms Smart says that sounds nasty but Mr Fenton says it is actually alright – what do you think?!)
- Ask someone at home to help you do some cooking – what different things that you cook at home involve a material changing from one state to another? e.g. cooking scrambled eggs
- Investigate the materials around your home – why are different objects made from different materials? What about their properties makes that material a good choice?
- Make some different lumps of ice in the freezer and then let them melt – can you change how quickly or slowly they melt?
 - How does the size of a lump of ice affect how quickly it melts? With some adult help, you can make a larger lump of ice by filling a balloon with some water, tying it and freezing it in a tub to prevent any mess! Don't overfill it so that it bursts though!
- Find out about some of the world's most famous scientists and what they invented. Did you know that a medicine you might get from the doctor when you're ill was first discovered when something went green and mouldy in a science lab?? Or that a very popular way to secure or do up your clothes was made when a man saw little parts of plants stuck to his clothes after a hike in the alps??
- Do you have a favourite scientist or a favourite invention? Research and make a poster to tell us about them.
- Find out how any man-made materials or objects were invented and when.
- Create a collage using a range of different materials – what picture could you make a collage of? Can you make it link to something that we are learning about at school?

Come and tell us if you have any other great ideas!

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