

What's the Matter? Topic Homework

	A - Science	B - PE	C - Art/DT	D - Literacy
2 points	Create a poster explaining the three states of matter, solids, liquids and gases. What makes each one special?	Complete a Joe Wicks PE lesson or a Cosmic Yoga lesson on You Tube.	Design a waterpark that has water in all the states of matter.	Write a simple explanation of the water cycle, including some pictures.
5 points	Create each of the states of matter, photograph them and explain how you know what they are and what makes them.	Create a fitness circuit for yourself to complete, don't forget to include a warm up, a cool down, and some of the athletics activities we have been working on this term.	Draw a detailed diagram of the water cycle, including the correct vocabulary. Evaporation, condensation, water vapour, precipitation.	Write a leaflet explaining what each of the states of matter are, how they are characterised and give examples of each.
7 points	Why is the water cycle so important? Explain how it works and each of the technical vocabulary meanings. What would happen if any of the stages of the cycle disappeared? Why do we rely on water so much?	Learn about an athletic event we haven't practised at school. If you can, then have a go at trying to complete the activity. If you can't have a go at it prepare a presentation about it, sharing facts you learn, famous athletes involved and why you like it.	Design and create a model or diorama of the water cycle. Don't forget the key vocabulary and their meanings, evaporation, condensation, precipitation and water vapour.	Write a poem about either the water cycle or solids, liquids and gases. It could be an acrostic poem, a shape poem, a riddle - the decision is yours.
10 points	Use the Periodic Table to find a particular solid, liquid and a gas and explain what they are, why they are important and what their use is. You can also find the scientific name for the item.	Make a video PE lesson, you can be the teacher. Make sure you include a warm up and explain why it is important to warm up, an activity or set of tasks to complete, which you need to model, and a cool down which needs an explanation as to why we need to cool down after our PE lesson.	Draw your own water picture. It could be a sea scape, a river, a waterfall, a lake or your own choice. You could use water colours, paints, pencils, tissue paper, collage materials. The choice is yours.	Write a story linked to the water cycle. Perhaps tell it from the point of view of a water droplet, on its journey through the cycle, or maybe from the point of view of a child learning about the water cycle.

This homework is due in every Wednesday. You may choose which activities you complete from the grid. You must complete an activity from each area (A-D) and you must complete at least 35 points - obviously I'd love it if you did more! If you are doing a 10 point activity I understand that it may take a little longer and so you may have 2 weeks to complete a 10 point activity.

Have fun!

Mrs Kenway