



HOME LEARNING

Subject: Science

Time: 50 minutes approx.

Learning Objective: I can recognise changing states of matter

Task 1: (Mrs Dalton and Mrs Baker)

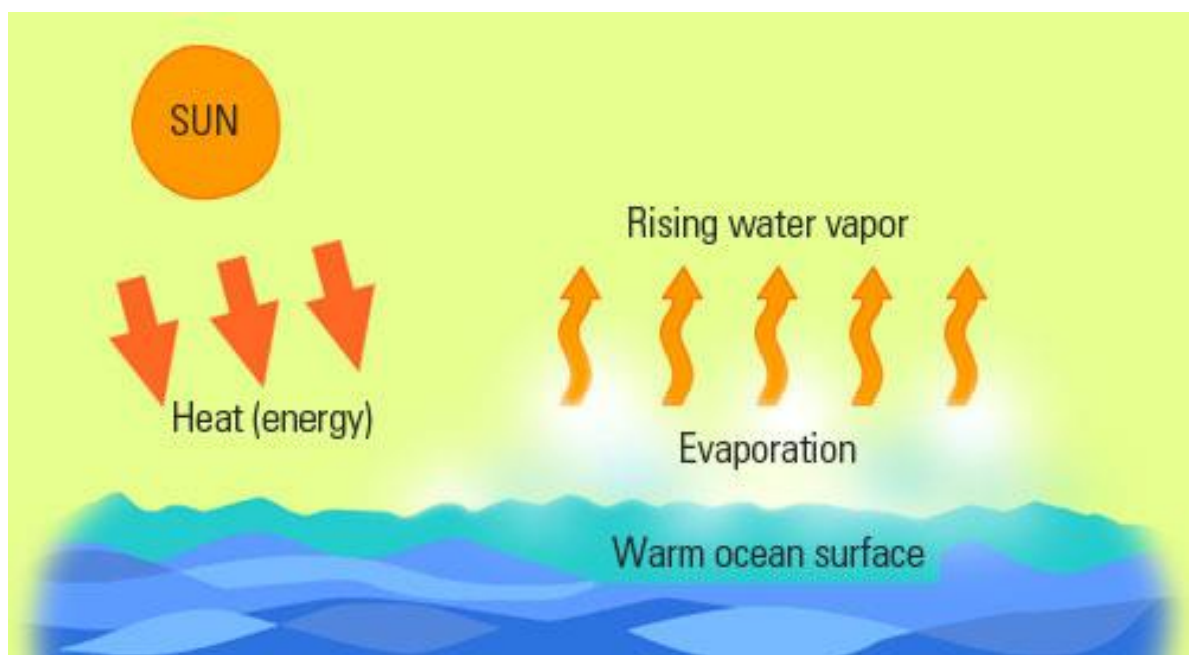
I can show how a liquid turns into a gas (evaporation)

If water (liquid) is heated, it changes to water vapour (gas). This change is called evaporation. Watch the video 'What is evaporation and condensation?' on the following link

<https://www.bbc.co.uk/bitesize/topics/zkkg87h/articles/zydxmnb>



When heat is applied to a liquid it changes its state, it warms up and turns into a gas.



Try the experiment below and answer the questions to explain what happened.

Show how saltwater evaporates and then leaves the salt behind.

Equipment

You will need salt, warm water, a spoon and a small plastic bowl




Method

- Pour some warm water into a small plastic bowl
- See how many teaspoons of salt you can stir into the water until it will no longer dissolve.
- Leave the bowl of salty water in a warm place, perhaps next to a radiator or sunny window.
- Watch what happens to the water and what is left behind inside the bowl

Result

- How long did it take for all the water to evaporate?


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- Was anything left behind in the bowl?


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- Describe what the inside of the bowl looks like now.


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Draw the inside of the bowl here...

Save your work:

If you are using a computer, open a blank document to do your work (you can use Word or Publisher). Don't forget to SAVE it with your name, the lesson you are doing and the date.

For example: T.Smith Maths 8 April

If you would like us to see or mark your work please email it or send a photo of your completed work to: smendez.305@glebe.bromley.sch.uk

Thank you