



HOME LEARNING

Subject: Science

Time: 50 minutes approx.

Learning Objective: I can recognise changing states of matter

Task 1: (Miss Mendez)

I can identify reversible and irreversible changes

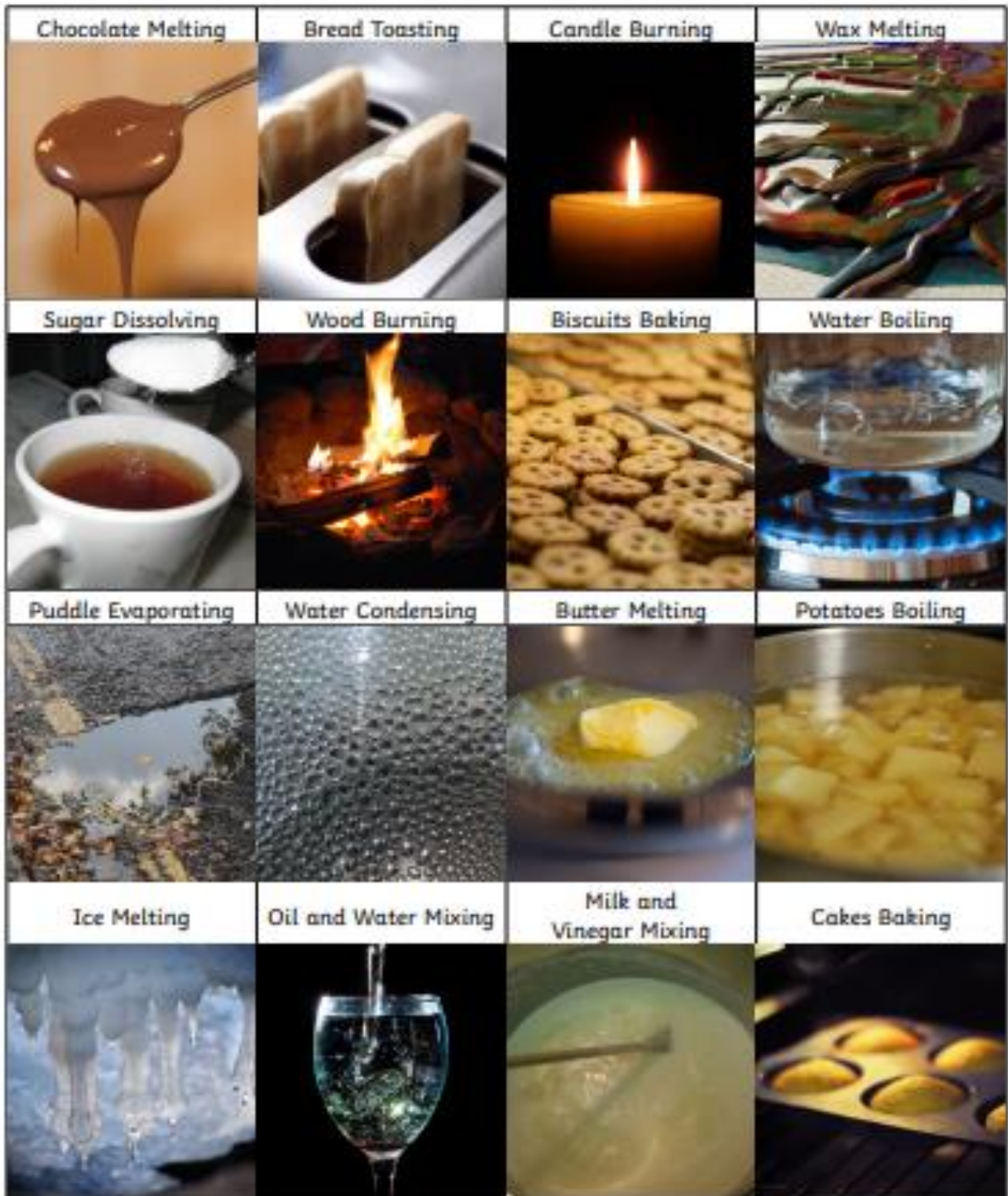
Read the attached information poster and complete the activity below by sorting the pictures to indicate whether they are showing a reversible or an irreversible change. You can cut and stick these or just list them.

Reversible and Irreversible Changes Fact Sheet

<p>PHYSICAL CHANGES</p> <p>solid liquid gas</p> <p>Changing state from solid to liquid to gas and back again is a reversible change.</p>	<p>When chocolate is melted it can solidify again. The change is reversible.</p>	<p>Any reaction, such as burning, that causes new substances to be formed is called a CHEMICAL CHANGE. These changes are irreversible.</p> <p>fuel oxygen flame ash smoke heat</p>	<p>Cool, gas and oil are all fossil fuels. They non-renewable energy sources.</p>
<p>Heating is the process of increasing the temperature. Cooling is the opposite process where temperature is decreased. We use a thermometer to measure temperature.</p>	<p>Cooking eggs, by frying, boiling, scrambling, poaching etc., is always an irreversible change.</p>	<p>When oil, vinegar and egg yolks are mixed together, they make a precipitate called mayonnaise. This change is irreversible.</p>	<p>Dissolving sugar in water is a reversible change. When the water is evaporated it leaves the sugar behind.</p>
<p>A wind turbine helps to generate electricity from renewable sources.</p>	<p>When vitamin tablets effervesce (fizz) a gas is produced. This is an irreversible change.</p>		

Reversible

Irreversible



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