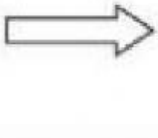
Melting and freezing can cause materials to change; some of these changes may be reversible, and some may not. Some materials can exist as both a solid and a liquid. Orange juice is a liquid but when frozen turns to ice and becomes a solid. Chocolate is a solid but when heated begins to melt and becomes a liquid. Look at the materials below and say what has caused them to change (melting or freezing) and whether this change is reversible. If the change has been caused by heating, colour the arrow red and if the change has been caused by cooling, colour the arrow blue.

Material	Change	Changes caused by:
1) Orange juice		What has changed_____ _____. This change has been caused by _____ Is this change reversible?_____
2) Butter		What has changed_____ _____. This change has been caused by _____ Is this change reversible?_____
3) Chocolate		What has changed_____ _____. This change has been caused by _____ Is this change reversible?_____
4) Water		What has changed_____ _____. This change has been caused by _____ Is this change reversible?_____
5) Ice		What has changed_____ _____. This change has been caused by _____ Is this change reversible?_____

LIVEWORKSHEETS