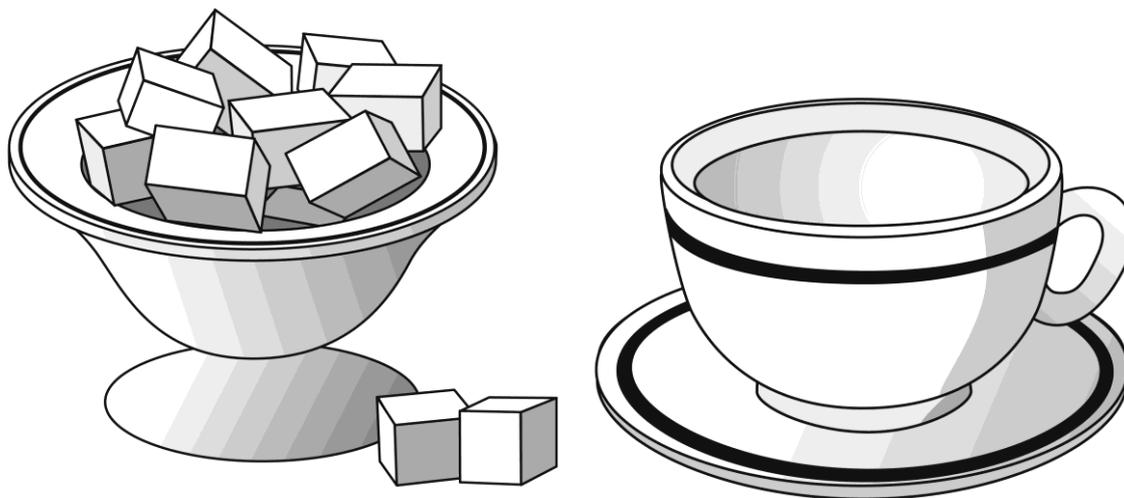


Task Sheet

What happens to sugar in a cup of tea?



Task:

Draw a poster that explains what happens to the sugar that is put in a cup of tea. Make sure you use the key words correctly. Try to describe and explain melting using particle theory.

Key words:

dissolve, solute, solution, solvent, sugar, tea

Level ladder:

What is your target level? Use the level ladder to help you reach it:

Challenge	You might have:
Easy	<ul style="list-style-type: none">• Drawn simple particle diagrams of the sugar and tea.• Described the particle behaviour simply of the sugar and the tea.• Described simply how the sugar dissolves, using the Big Idea of Particles.
Medium	<ul style="list-style-type: none">• Drawn an accurate particle diagram of dissolving.• Explained, in detail, how the sugar crystals dissolve in the tea.• Explained the differences between melting and dissolving.• Described how mass is conserved.
Hard	<ul style="list-style-type: none">• Drawn an accurate particle diagram of dissolving.• Explained the differences between melting and dissolving.• Explained how mass is conserved.• Used detailed scientific knowledge of particle theory to explain dissolving.• Used the idea of energy or forces in your explanations.