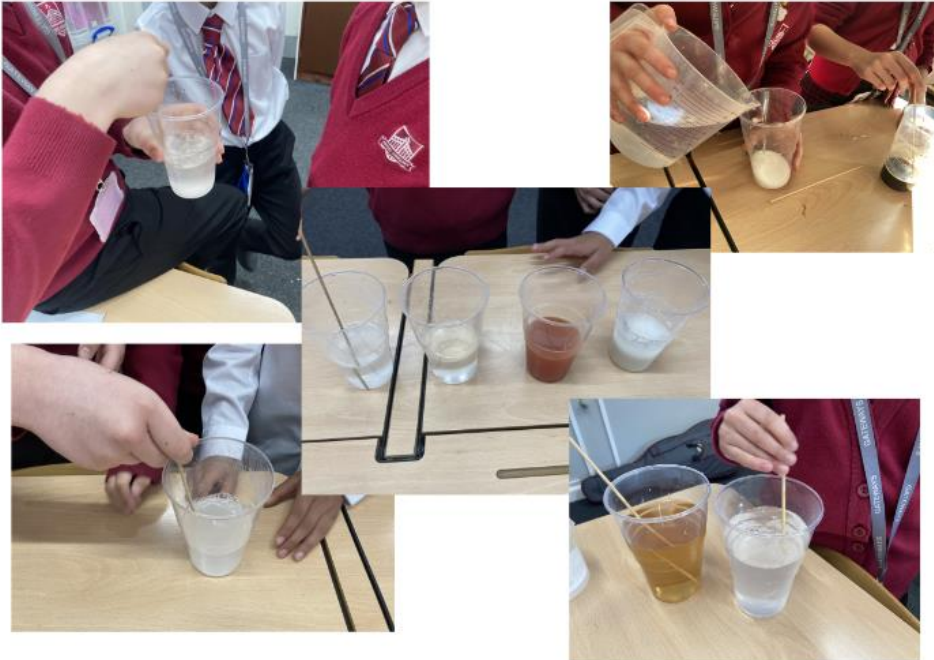


Soluble or insoluble?



Upper 2 pupils have been investigating the properties of different materials. They conducted experiments to assess the solubility of various substances in water. Pupils formulated their own research questions and meticulously documented the equipment used, along with independent, dependent, and controlled variables.

The pupils also came up with research questions which included, "Which material dissolves most rapidly?", "Does this material dissolve at all?", "Does the frequency of stirring impact dissolution rate?", and "Does water temperature affect dissolution rate?"

Utilising a range of materials including beakers, stopwatches, stirrers, water, instant coffee, table salt, sea salt, ketchup, vinegar, flour, sugar, and rice, they then conducted their experiments.

Mr Mike Arnold and Mr Matt Chandler