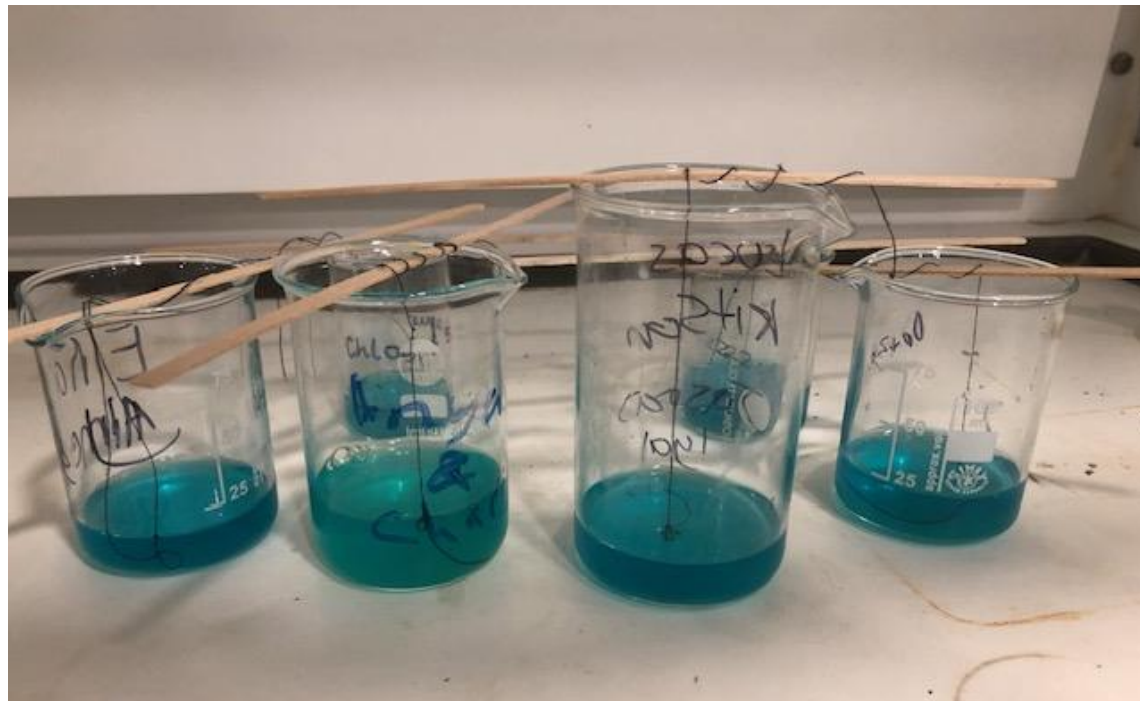


Upper 4 make crystals



The pupils in Upper 4 have started their GCSE in science this term; in chemistry we have begun the course by learning about atoms, elements, compounds and mixtures. We have re-capped the definitions for each and learnt to identify the different types of elements by using the periodic table. Part of our work on mixtures has included looking at some different methods of separation using filtration, evaporation, distillation or chromatography.

This week the pupils have written their own plan and carried out a practical to make copper sulphate crystals from a mixture of copper sulphate and sand. They dissolved the copper sulphate before filtering off the sand. They were left with a blue solution which they concentrated by heating with a Bunsen burner. They then hung a seed crystal in their copper sulphate solution as in the photo above. Hopefully by our lesson next week they will have beautiful big blue crystals on the end of their cotton.

Mrs Sophie King