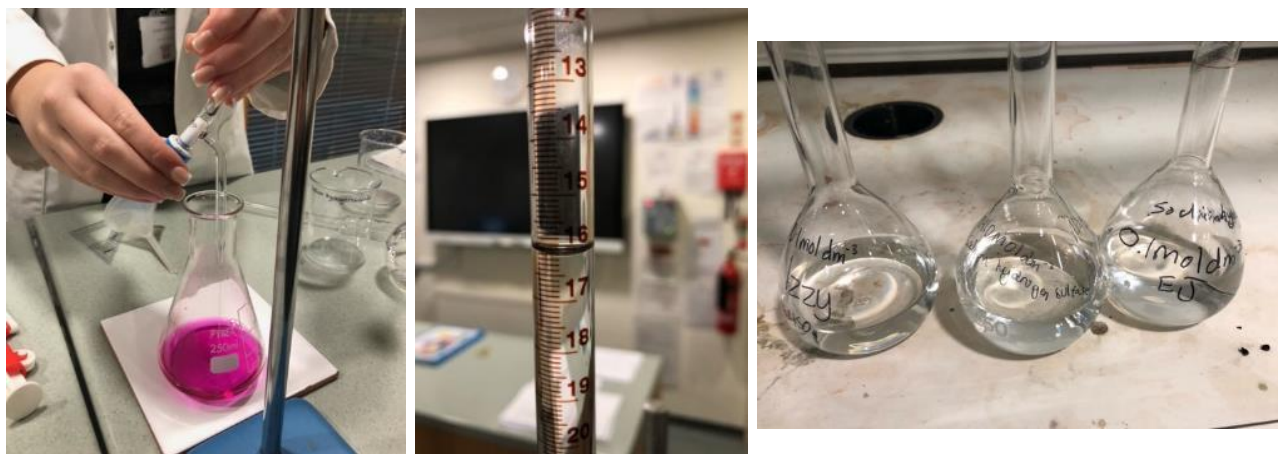


## Lower 6 titration practical



Just before the Christmas break, the Lower 6 chemistry pupils started their first required practical of their A Level course. They had to use the calculations and skills learned in the theory lessons to accurately make up a standard solution of sodium hydrogen sulphate of known concentration.

This week, they used their solutions to titrate against a solution of sodium hydroxide of unknown concentration. For this they had to use a burette to measure the precise volume of sodium hydrogen sulphate needed to exactly neutralise 25cm<sup>3</sup> of the unknown sample. From this they could manipulate the data to find the missing concentration value.

This practical was carried out methodically and precisely by all the pupils, and I am pleased to say that after a few attempts everyone got concordant results and were able to calculate the concentration to within 0.3 M of the actual value. A successful first investigation.

Mrs Sophie King