

Lab Tots Report Card



Session Venue & Time: Hartsfield JMI - KS2

Lab Tots Term: Spring Term 2019

Instructor: Sophia Mitchell

Session Dates: 29th January 2019

What We Did & What We Learnt:

Crazy Chemistry 1

- We looked at how we can use chemistry to identify what a substance is
- We went through some good laboratory practices, including safe working, PPE and cross contamination and how not working to appropriate standards can invalidate your results
- We prepared and made our own indicator solutions for the identification of acids and alkalis
- We discussed the concept of neutral and control experiments
- We discussed water in terms of H^+ & OH^- ions
- We tested some white powders to see if we could use our indicators to help identify them
- We observed colour changes and discussed and compared our results
- We started to look at fine tuning our experiment using Universal Indicator paper testing strips
- We looked at some common items found within the home and then tested these to identify them as acids or alkalis
- We tested out neutralisation and observed the results