

Lab Tots Report Card



Session Venue & Time: Hartsfield JMI - KS2

Lab Tots Term: Spring Term 2019

Instructor: Sophia Mitchell

Session Dates: 13th Feb 2019

What We Did & What We Learnt:

Crazy Chemistry 2

- We looked at the periodic table and discussed what makes up an element and their properties
- We discussed what makes up an atom and we created our own giant atomic models
- We used simple maths to deduce the number of sub atomic particles by using the atomic number and the mass number in the periodic table
- We looked at some of the trends observed in the periodic table and explored some interesting facts relating to the properties of certain elements
- We also discussed the presence of isotopes of elements as observed by Cl
- We looked at different states of matter and how we can change the state when we change the amount of energy
- We looked at electrons and their orbits, introducing the concept of probability, s, p and d shapes
- We started to talk about molecules and how elements can react together and bond
- We discussed bonding in elements too - diamond / allotropes of carbon
- We made our own sherbet to finish the session as an example of a chemical reaction