

Lab Tots Report Card



Session Venue & Time: Hartsfield JMI - KS1

Lab Tots Term: Spring Term 2019

Instructor: Sophia Mitchell

Session Dates: 12th March 2019

What We Did & What We Learnt:

Crazy Chemistry - Periodic Table & Chromatography

- We looked at the periodic table and all the elements that make up the universe
- We looked at the structure of atoms and subatomic particles - protons, neutrons & electrons
- We looked at the charges - positive, negative & neutral
- We built our own Atoms using the periodic table for letter and number recognition, doing simple additions to work out the correct number of protons, neutrons and electrons for selected elements
- We discussed how elements have all the same atoms and how compounds are more than one element reacted together
- We discussed our indicator reaction from last session and how our materials had changed to something else.
- We discussed how sometimes things could just be mixtures and not react
- We looked at how we could unmix mixtures
- We became chromatographers and undertook a chromatography experiment to see whether black really was black
- We created our own 'black' mixture using our favourite colours and used chromatography to unmix them!
- We observed the unmixing and identified all the colours we could see.