

# Lab Tots Report Card



**Session Venue & Time:** Hartsfield JMI, Tuesdays

**Lab Tots Term:** Autumn Term 2018

**Instructor:** Sophia Mitchell

**Session Dates:** 18<sup>th</sup> Sept 2018

## **What We Did & What We Learnt:**

### **Human Body - Eyes & Sight**

- We examined the eye and its anatomy as well as the functions of all the parts of the eye
- We discussed sight and what was needed for us to see (light)
- We looked at light and how our eye responds to it
- We observed our own eyes, and each other's, eyes to see how they react to light, blinking and the colour of the iris and its unique 'finger print'
- We discussed what makes colour and how we see colour - light wavelengths, absorption and reflection, Tindall scattering
- We looked at lenses and how they work
- We looked at eye health and what opticians do
- We discussed rod cells and cone cells and colour blindness, thinking about how we use colour in our everyday lives and the difficulties you would experience if you had poor eye sight / colour blindness
- We played the 'stop/go' game with coloured lights
- We looked at optical illusions and how we can trick our eyes into seeing something that doesn't really exist