

# The Southridge First Light

TUESDAY 12th JUNE 2018



## Scientists of the future discovered at Southridge First School



*Isla K (above) tries out a new hairstyle!*

### **A hair raising experiment!**

Pupils had the chance to use a Van de Graaff generator, an electrostatic machine, which uses a moving rubber belt and a metal dome to create static energy. This is similar to when you rub a balloon on your head to make your hair stand on end, so there's a science trick for your next party!

Isla said "I liked it when my hair stood up!". Lewis said "I liked the spark, and it felt weird!"

Pupils at Southridge First School spent the day as honorary scientists with the University of Sunderland. They used lots of scientific equipment and techniques to help solve a crime, understand electrostatic electricity, and also look at microscopic cells.

Mrs McIntosh's class were very helpful in assisting the visiting scientists with their experiments and forensic investigation, but were also able to help the scientists learn a lot about primary schools—many of whom had not been to a primary school in a long time! Everybody learned something new, and had a lot of fun doing it!

Murray said "I liked the rockets—if there was too much water, it didn't go up as high". Owen said "I liked the rockets the best because I liked watching them shoot up!"



**University of  
Sunderland**

# Investigation using Science



Pupils used chromatography to check what different colours inks are made of. A pen might be blue, but actually it is made up of lots of different coloured inks!

*Anna and Freya (left) used chromatography to test different pens to see what they are made of.*

*George said "It was epic! The unicorn I drew got fat" This is because the water helped to spread the different colours in the ink!*

*The Police use fingerprints as well as chromatography to help solve crimes.*

*Rosie and Olivia (right) compared fingerprints to find a match to the thief who stole the jewels!*

*Rory said "I liked it best when we identified the thief".*



## Look closer!

Pupils were able to use microscopes to look really closely at tiny cells. There were some premade samples of plant and animal cells, but pupils were also able to find something new and make their own slide.

Luke liked the microscopes because he couldn't see the things that small at home

*George (right) using the microscope to look at tiny brain cells.*

