

The Southridge

First Light

THURSDAY 14th JUNE 2018



Scientists of the future discovered at Southridge First School



Maisie (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!

Lily said she liked "when we had to stand in a tray, got charged up, we held hands and all got an electric shock!".

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.

Miss Flitcroft'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!

Theo, James and Eva liked the fingerprints; James said "you get to be a Policeman", and Eva said "you find out who the thief was".



**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!

Scarlet and Ben (left) used chromatography to test different pens to see what they are made of.

Arthur said he liked "when the colours split apart".

Pupils also looked at fingerprints and used magnifying glasses to see them up close.

James (right) looked closely at their fingerprints to see all the different lines and swirls on their fingers.

Alice said she "could see the break on her fingerprint where she cut it before". Joel said that all fingerprints are different. Emily said she could see a "swirl, hump, build up, and in and over"



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.

Maisy, Rachel and Dan (right) using the microscope to look at tiny cells.

Dan said he liked everything about the microscopes.

Sam looked at his own hair. Looking at the braincells was the most popular!

