

# The Southridge First Light

MONDAY 11th JUNE 2018



## Scientists of the future discovered at Southridge First School



*Isabella (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!

Jessie said "I was filled with electricity but it didn't hurt!"

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.

Mr Willcock'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!

Ruby said "I loved the activity that was electric! (Van de Graaf) When it touches your finger your hair stands up really big but it doesn't make a mark!"



**University of  
Sunderland**

# Investigation using Science



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

*Katie, Lily and Lana (left) used chromatography to test different pens to see what they are made of.*

*Oli said "The water changed the colour!" This is because the water helped to separate the different colours in the ink!*

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

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

*Isabella said "You can make pictures using fingerprints, but the police can also use them if you rob places, they can check the fingerprints and find you!"*



## 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.

*Alexander said "The microscopes are good because you can see things really closely and can identify what it is from"*

*James, Jeffrey and Daniel (right) using the microscope to look at tiny cells*

