Year 1 Light and Sound

On Monday, the Year 1 children were so delighted to have the experience of working with Ms Sue Grandison, Head of Science, and Dennis Gutteridge, Senior School Physics Laboratory Technician. They visited to help us explore and develop our understanding of Light and Sound. The children were fascinated with the experiments that demonstrated how sound travels. We learnt about the concept of vibration and sound waves. We used a cup and string experiment and a microphone that was linked to a machine so we could SEE the sound waves. Mrs Cowland sang the Kanga’s theme song into it to see what her soundwaves looked like! They were off the chart! We then explored light using glow sticks, investigating how light travels in straight lines and we made a rainbow with a crystal and white light. The most exciting part of the morning was when Ms Grandison blew the lid off a milo tin using cornflour and a candle. This helped us understand the power of heat energy.

This was a noisy and wonderful hands on experience that opened our eyes to the importance of light and sound in our lives. It was as if a light bulb had gone on!

Mrs Cowland and Mrs Westley

One thing I learnt was about the ‘angry can’! Ethan
One thing I learnt was when Ms Grandison showed us the cups. The string took the vibrations. One person would put the cup on their ear, the other would listen and sounds would come out. If one person blocked the string, then no sound would come out! Jessica.
One thing I learnt was when you put your hand on your neck, you feel a soft, bumpy bit that vibrates. Alannah
One thing we learnt was that sound travels by vibrations. Remy and Errol.
One thing we learnt was how light and sound are made. Christian and Lucy.