

Year Four Science Lesson at Carr Hill



Year four enjoyed their trip to Carr Hill. As part of their work on electricity, they learnt about how opposite charges attract and same charges repel. This was shown in some demonstrations using static electricity.

After rubbing the plastic rod with a cloth, the water was attracted to the pipe due to the static electricity.

Some pupils tried the Van Der Graaff generator, which is a clever machine for making static electricity. A moving belt generates a charge which builds up inside the globe. When passed on to the person touching it, their hair started to be repelled and stand up.



We also saw some metal cake cases fly up in the air after the machine was switched on. After more build up of static, we even saw sparks jump from the generator to a discharger.

Electricity is a really interesting subject and we are continuing our topic by making circuits to light bulbs, turn motors and sound buzzers.