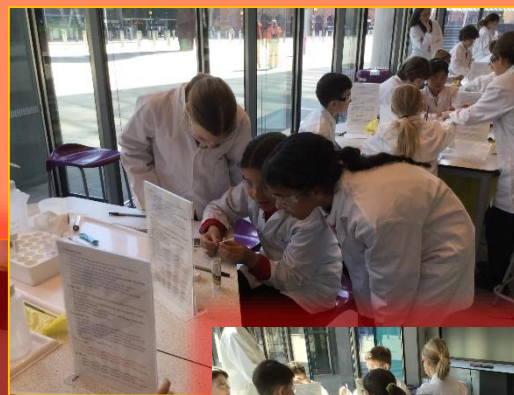


Year 5's trip to the Francis Crick Institute



Year 5 visited the Francis Crick Institute for a science discovery day. We spent the day working in a lab wearing lab coats and goggles and we certainly felt like scientists!



During the afternoon, we recapped our learning about electricity from year 4 and then tried to create a variety of circuits!



To begin with, we learnt all about atoms and molecules and reversible and irreversible changes. We also took part in an investigation to prove that hydrogen peroxide is made from hydrogen and oxygen.



At our stations, we worked in groups of three to test five powders in order to find out which powder was cornflour. Some of the things we tested were the solubility and acidity of each powder.



	Sodium bi-carbonate	Baking powder	Salt	Glucose	Cornflour
1. Solubility test	insoluble	insoluble	soluble	soluble	insoluble
2. Sugar test	blue	blue	blue	brown	blue
3. Acid/alkali test	9	8 - 9	7 - 8	7 - 8	7 - 8
4. Starch test	yellow	purple / black	yellow	yellow	purple / black
5. Gas test	yes	yes	no	no	no

Once we had tested each powder, we used our results to draw conclusions.