

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!



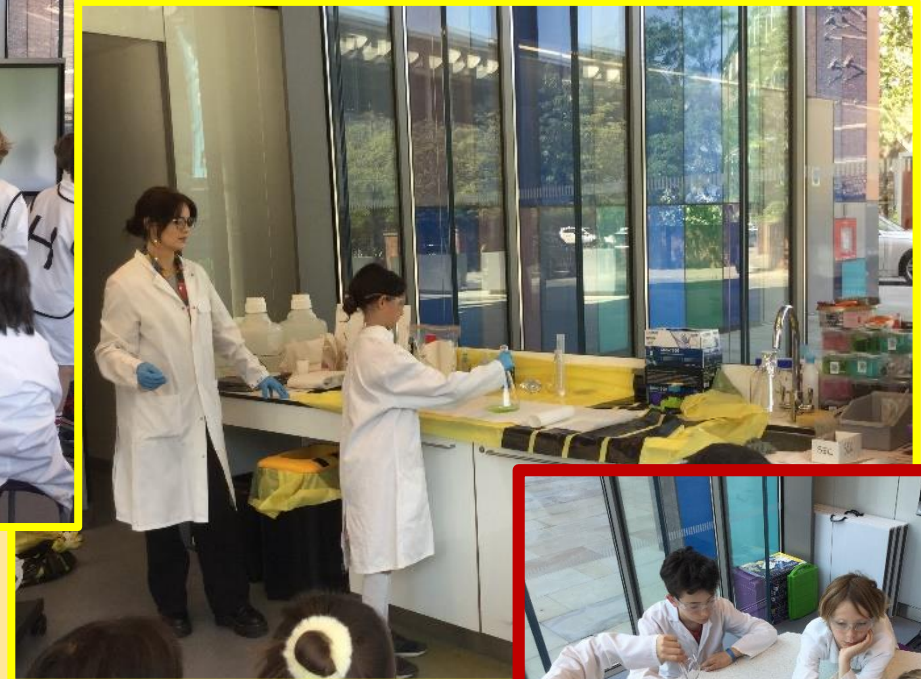
To begin with, we learnt all about atoms and molecules and reversible and irreversible changes. We also took part in an investigation to prove that hydrogen peroxide is made from hydrogen and oxygen.



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.



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



| | 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.