



Gillotts Science Department

Virtual Open Evening 2020

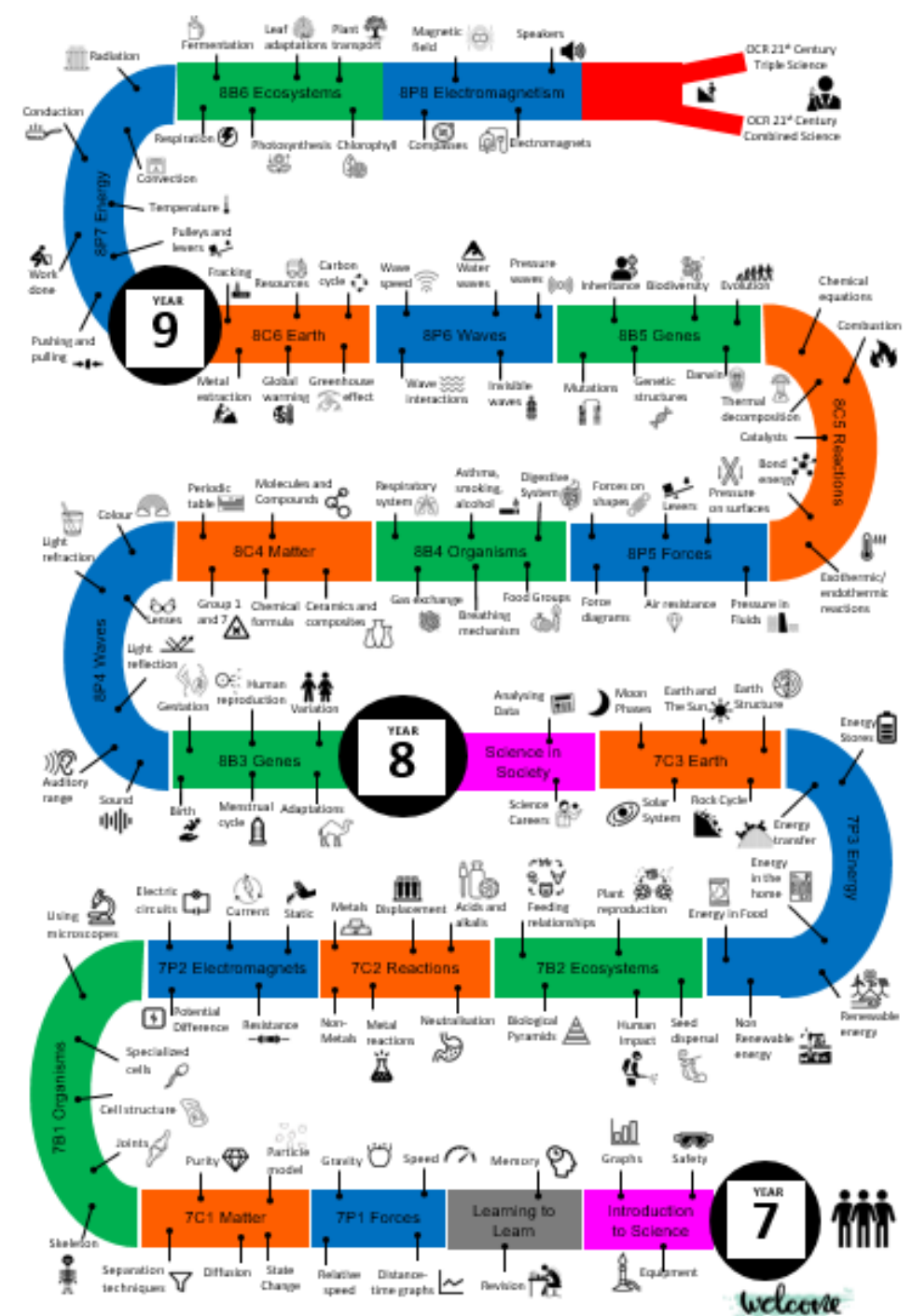
Curriculum Aims

- ✓ Enjoyment
- ✓ Knowledge rich
- ✓ Application of knowledge
- ✓ Impact on science and technology
- ✓ Develop investigate practical skills
- ✓ Encourage creativity and inquisitive minds
- ✓ Make informed decisions when presented with data
- ✓ Make educated choices about health and lifestyle
- ✓ Consider ethical arguments of science applications
- ✓ Understand their responsibility for the Earth and future generations



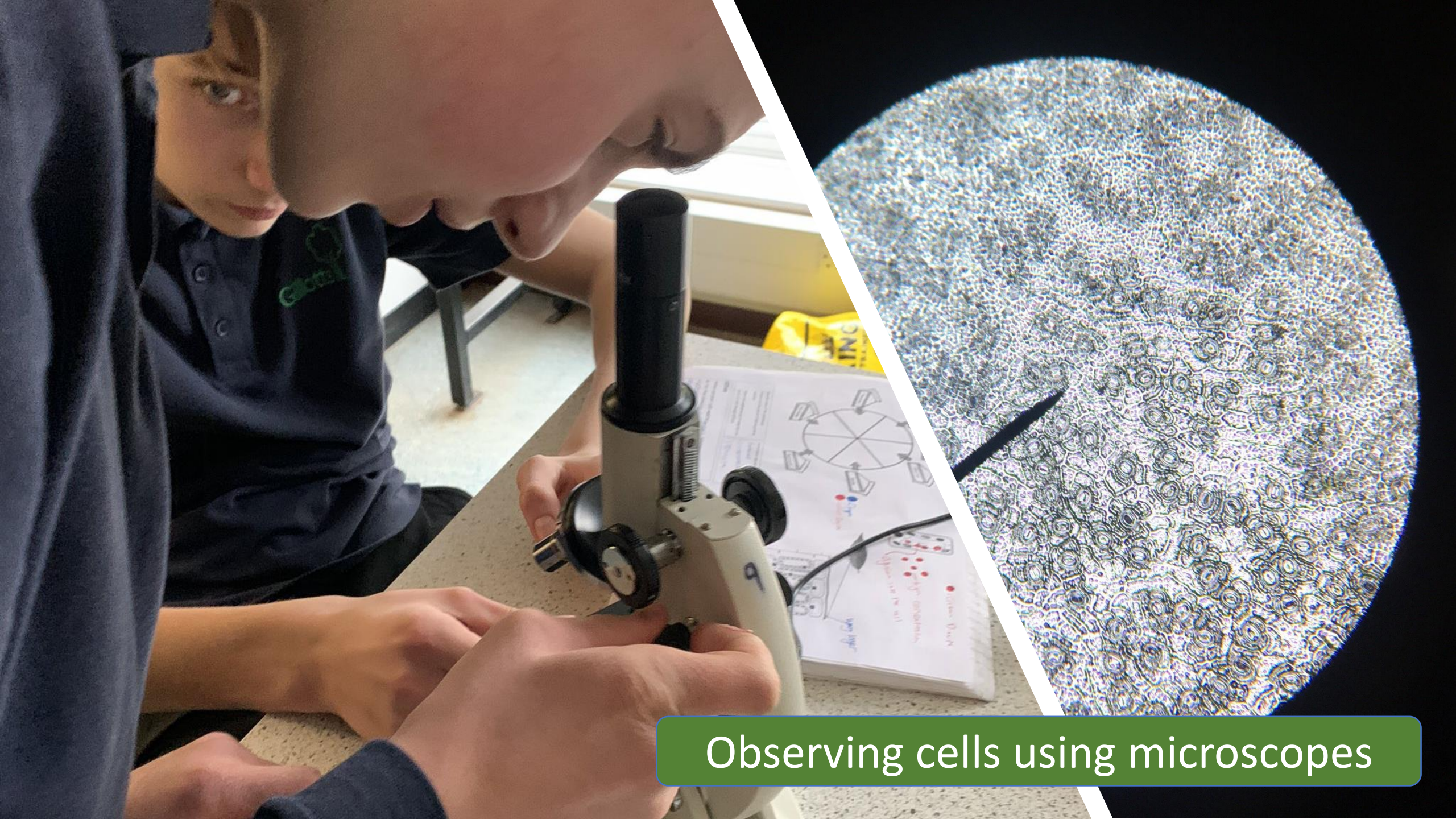
KS3 Science

- 6 lessons a fortnight
- Science lessons
- Cover all three disciplines
- Builds on knowledge from KS1 and KS2 Science National Curriculum
- Units taught focusing on 10 big ideas of science
 - ✓ Biology- Organisms, Interdependence & Genes
 - ✓ Chemistry- Matter, Reactions & Earth
 - ✓ Physics- Forces, Electromagnetism, Waves & Energy
- Includes STEM opportunities and careers education



Testing Foods

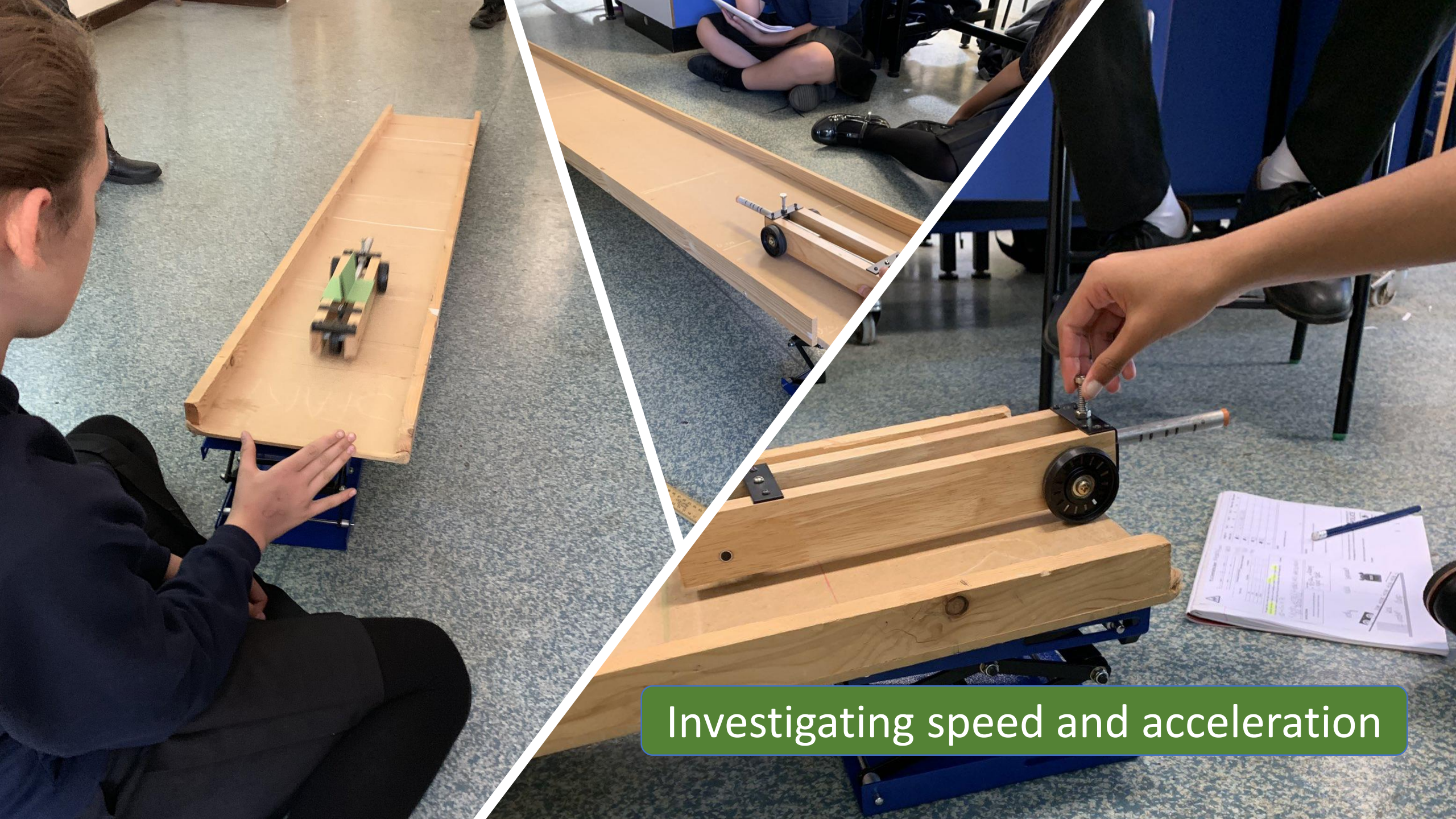




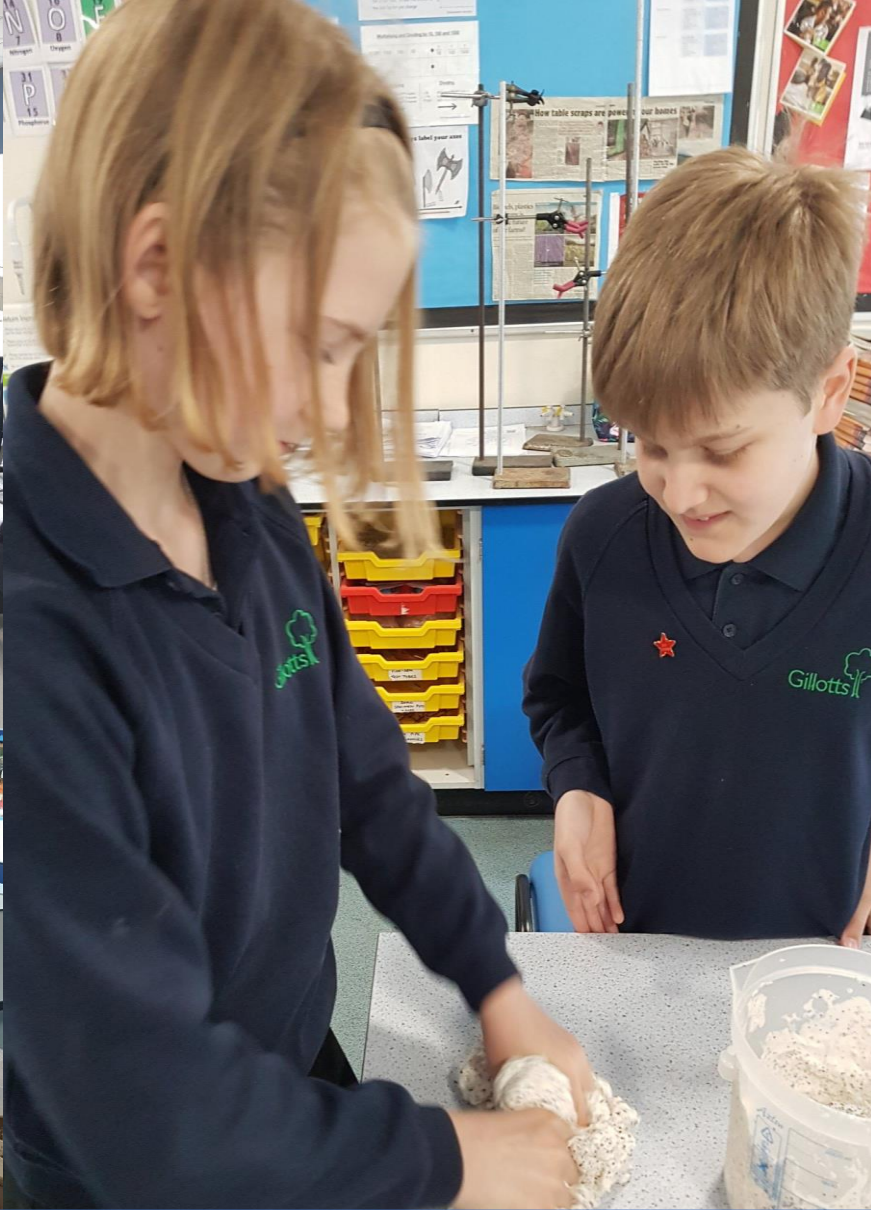
Observing cells using microscopes



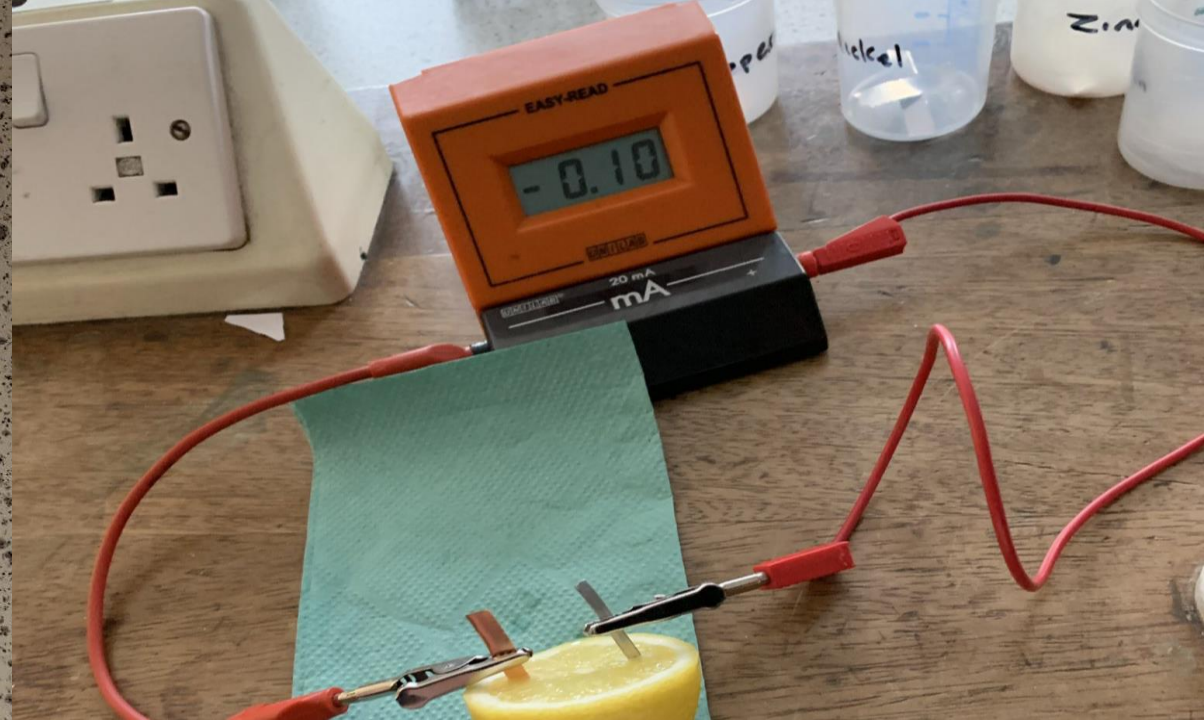
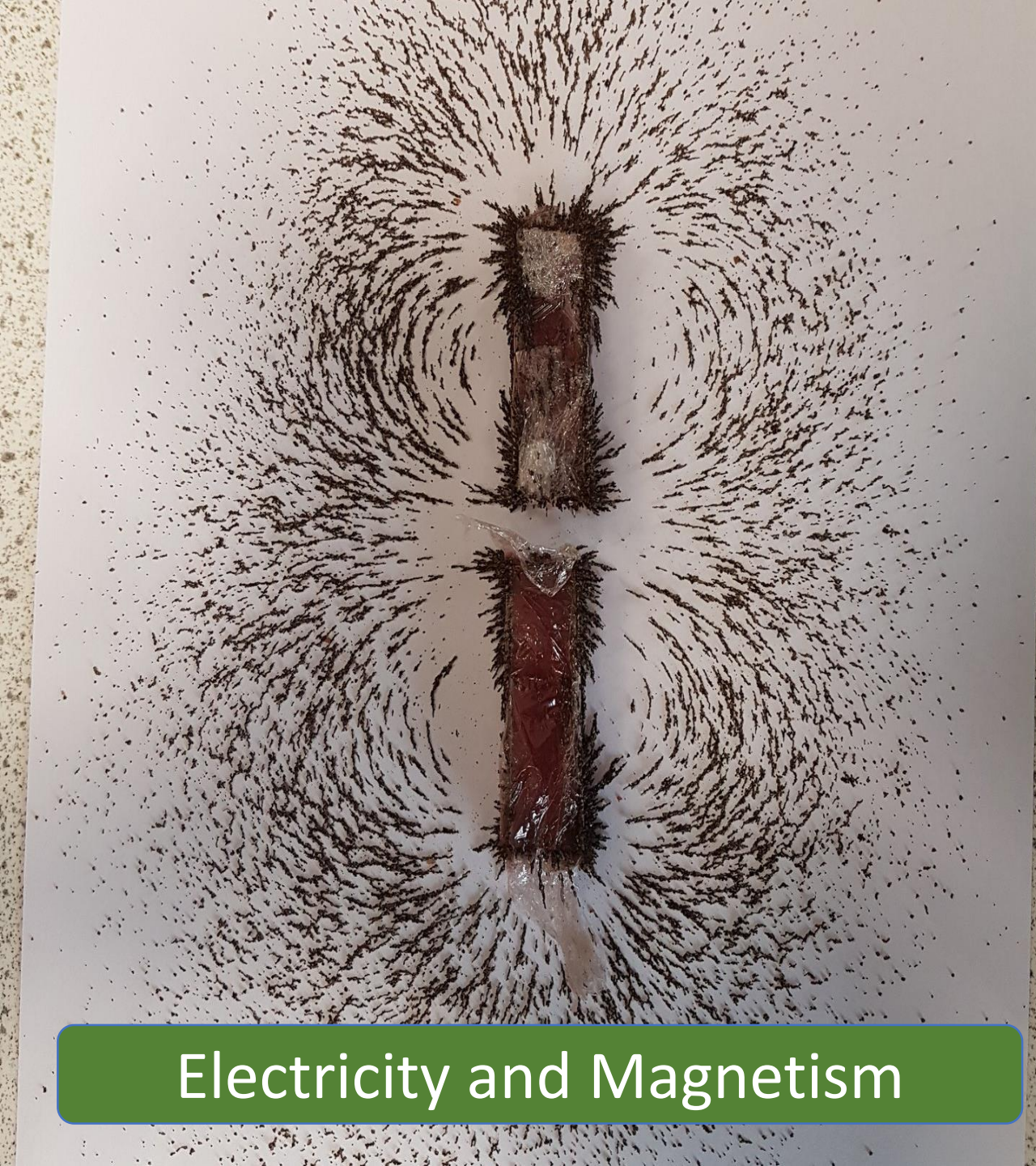
Separating Mixtures



Investigating speed and acceleration



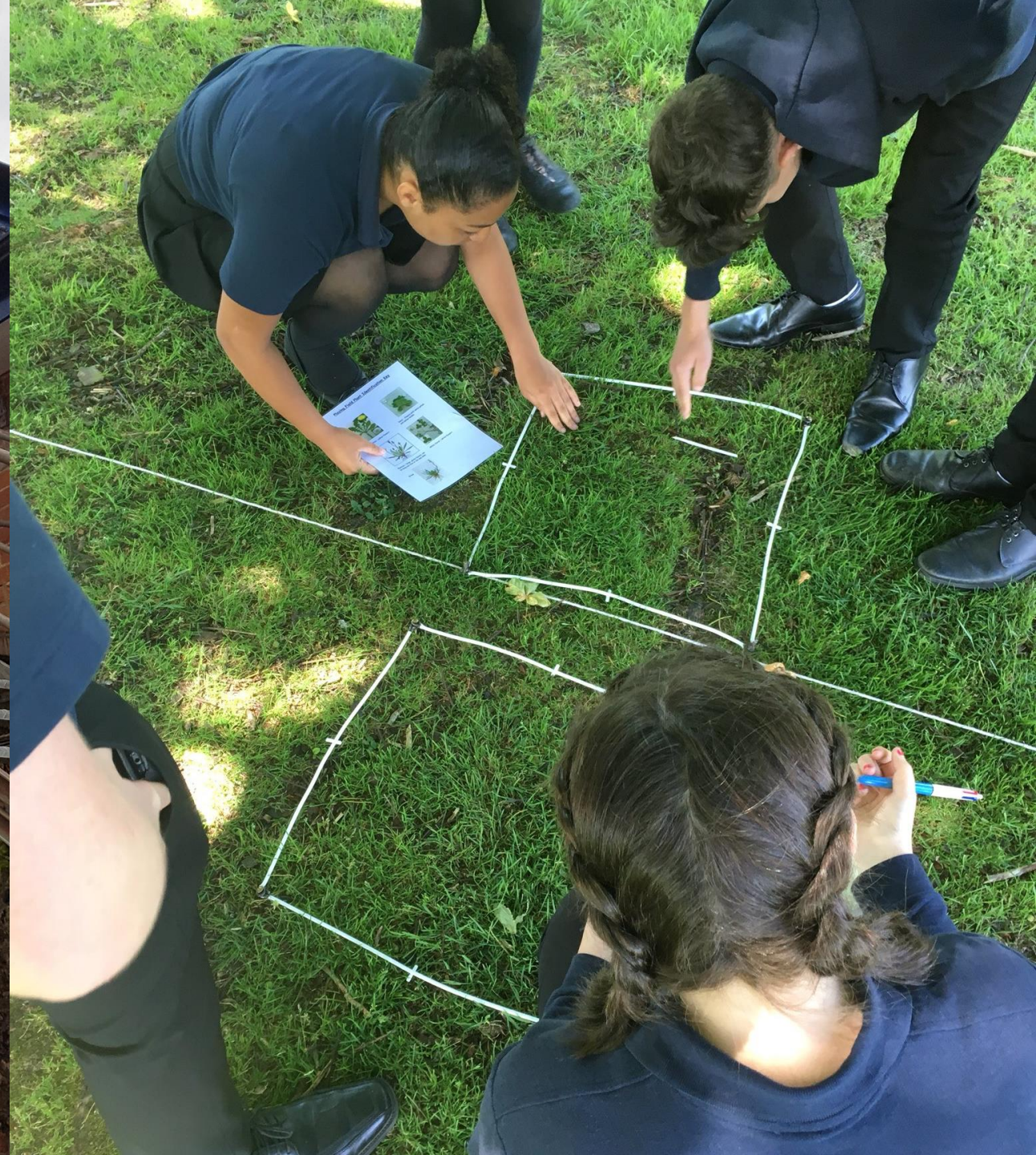
KS3 Science Club

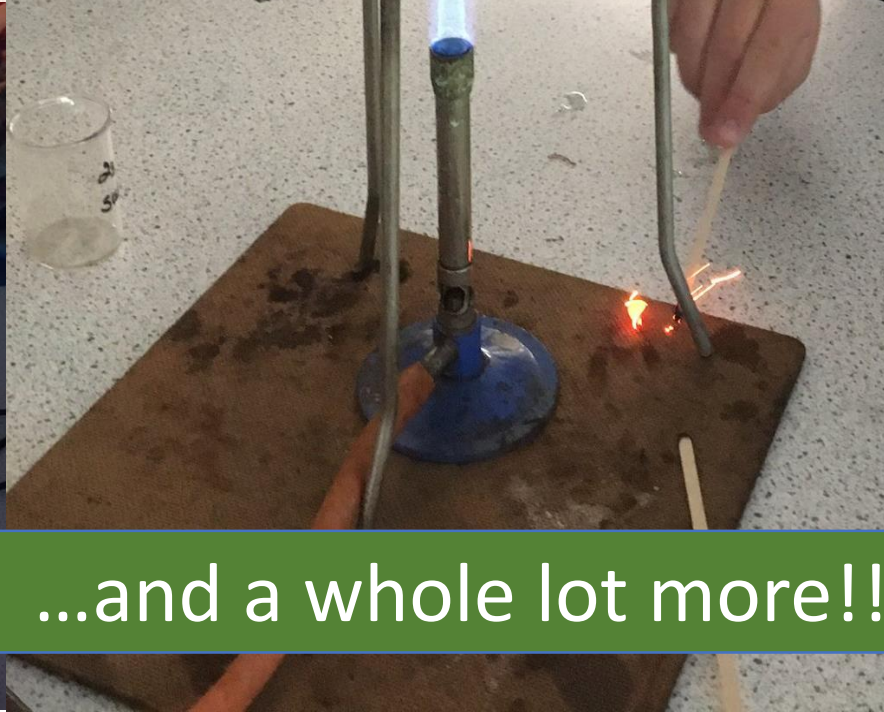
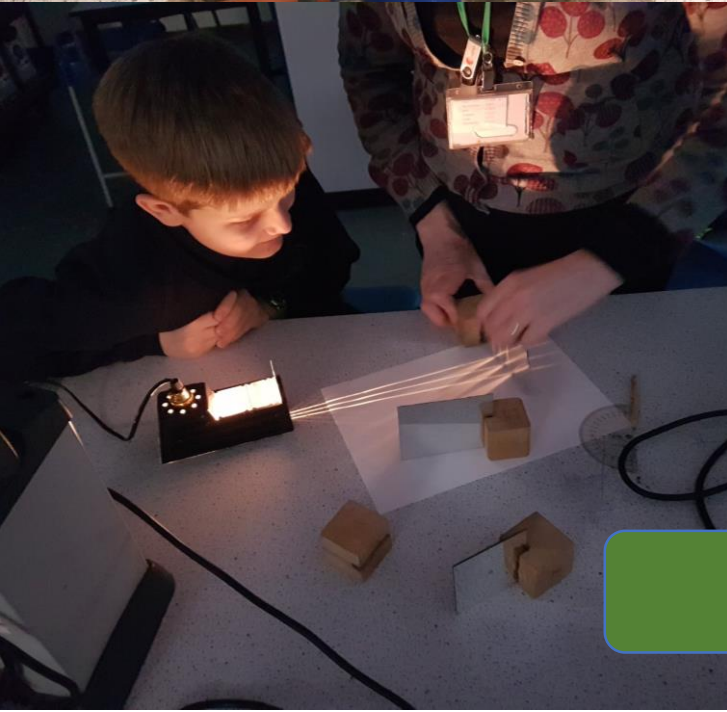
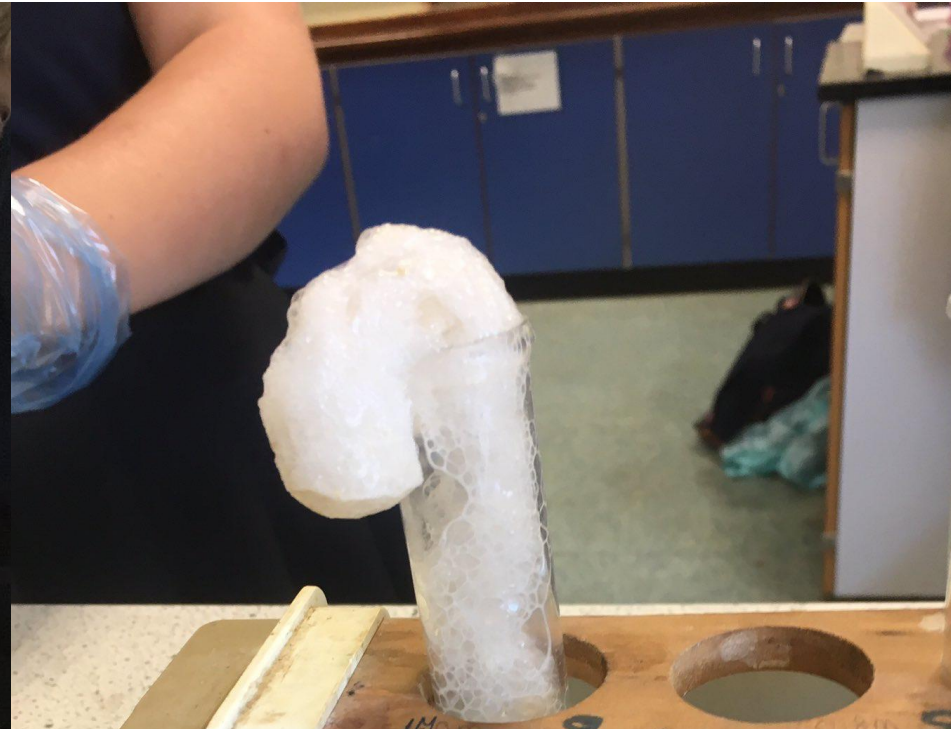
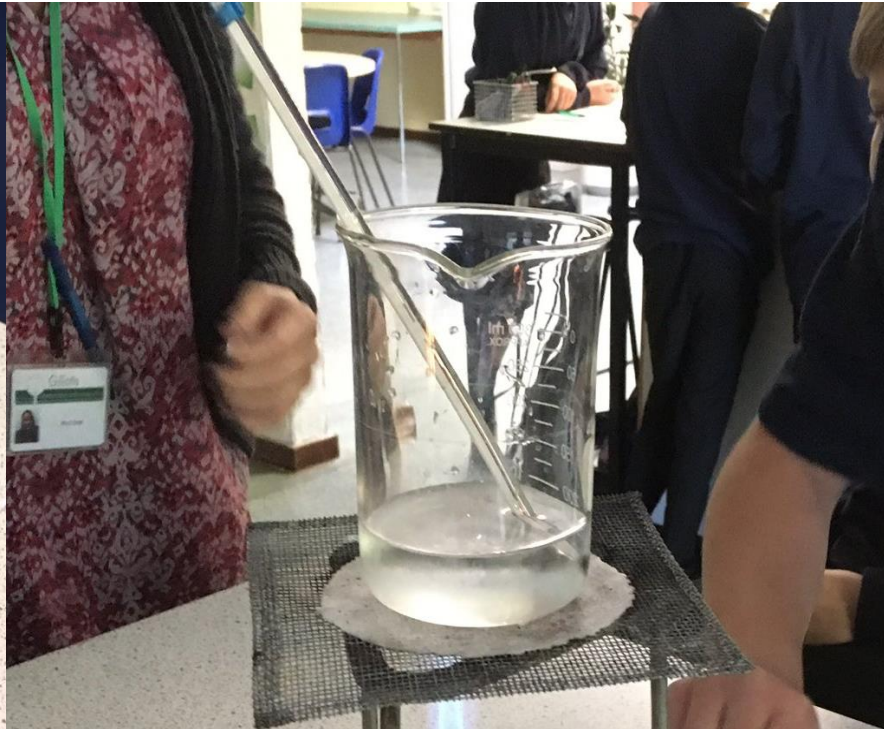
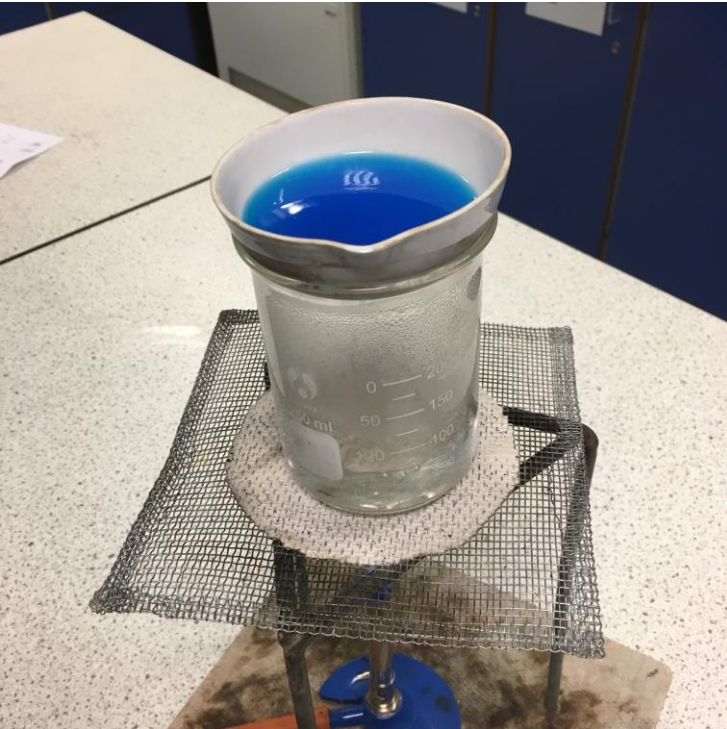


Electricity and Magnetism



Working in the field

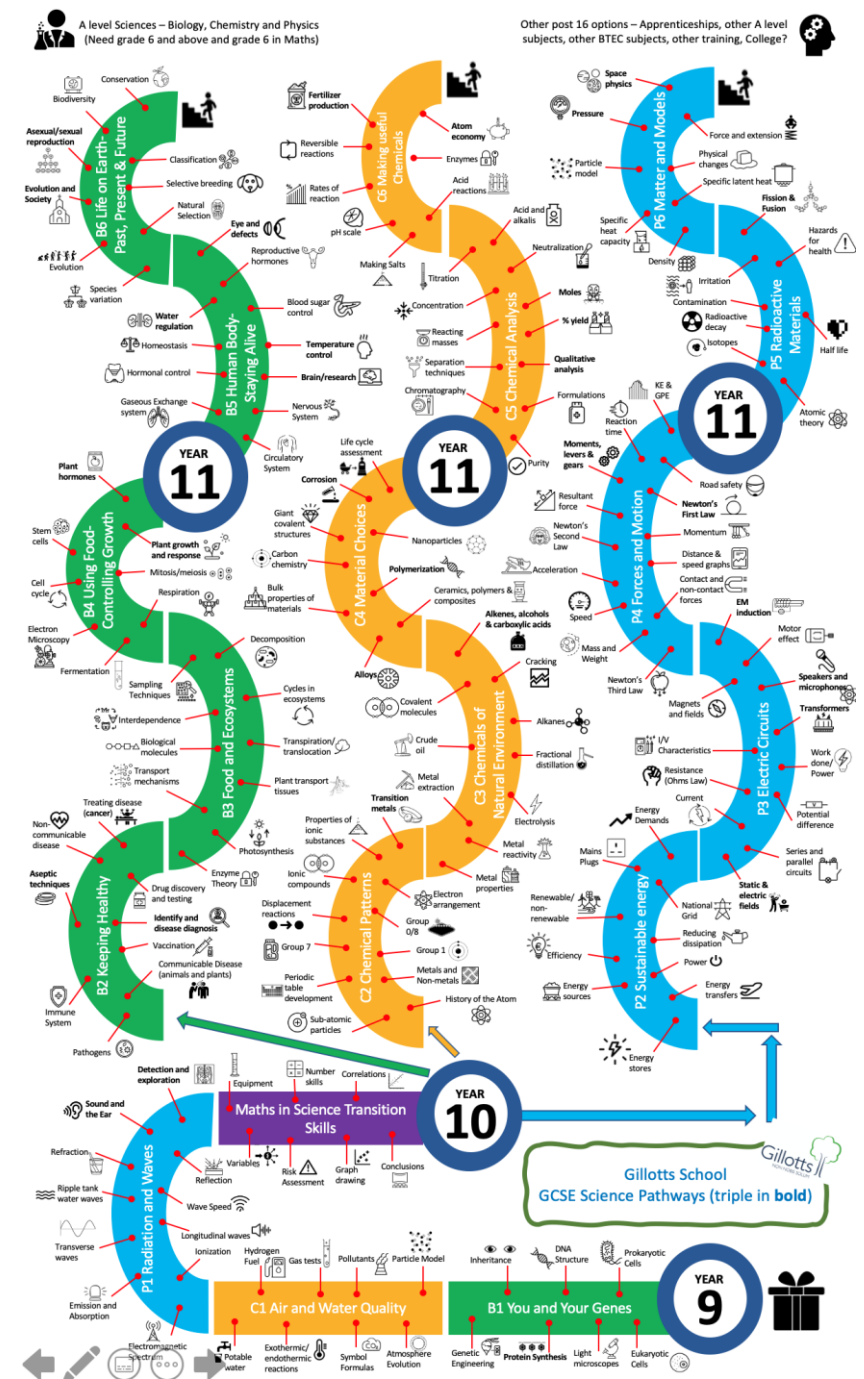




...and a whole lot more!!!

KS4 Science

- 2 pathways (combined science or triple science)
- Option choice made in Year 9
- Combined (8 lessons a fortnight)
- Triple science (13 lessons a fortnight)
- Foundation tier paper (Grades 4-1)
- Higher tier paper (Grades 9-4)



We support student independent study with revision sessions for year 10 and 11.



**For more information and to look at
our resources to support student
progress please visit either of the
following.**



@gillottsscience

<https://sites.google.com/gillotts.org.uk/gillottsscience>





Stay Safe



From Team Science

