

Please use this route through to find out what students are learning in the classroom and beyond.

Please contact us or visit our website for more information.

Subject	What are students learning in lessons?	What are students learning in home learning?
Autumn Term 1	Rates of Reaction: collision theory and investigating factors that affect the rate of a reaction, dynamic equilibrium. Organic Chemistry: crude oil and fractional distillation. Forces: calculations and analysis of forces and motion. Waves: properties of waves, light and sound and uses.	1 hour per week: Sparx Science, typically on knowledge from previous topics.
Autumn Term 2	Waves: properties of waves, comparison of light and sound waves, uses of waves. Inheritance, Variation and Evolution: meiosis, inheritance, variation and genetics of evolution. Homeostasis: nervous and hormonal coordination, homeostasis.	1 hour per week: Sparx Science, typically on knowledge from previous topics.
Spring Term 1	Electromagnetism: magnetic fields, uses in devices & motors. Earths Early Atmosphere: history of the atmosphere. Chemical Analysis: pure and impure substances, testing for gases. Earths Resources: finite and renewable resources, extraction and sustainability.	1 hour per week: Sparx Science, typically on knowledge from previous topics.
Spring Term 2	Earths Resources: finite and renewable resources, extraction and sustainability. Revision and exam preparation for GCSE exams.	1 hour per week: Sparx Science, typically on knowledge from previous topics.
Summer Term 1	Revision and exam preparation for GCSE exams.	1 hour per week: revision, including Sparx, and past exam papers.
Summer Term 2	Revision and exam preparation for GCSE exams.	1 hour per week: revision, including Sparx, and past exam papers.
Every mark matters	Assessment	Key contacts
	Students think hard, answer lots of questions and get feedback on their work every lesson. Mock Aut 2: Bio, Chem and Phys (1 hour 15 minutes each). PPE Spring 2: Bio, Chem and Phys (1 hour 15 minutes each). GCSE Summer 1&2: 2 Bio, 2 Chem, 2 Phys exams	Acting Head of Department: Samuel.Down@ theregisschool.co.uk