

Physics AQA GCSE

Year 10

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	Atomic structure and radiation: history of the atom, isotopes, radioactivity properties and decay. Energy: energy stores and pathways, energy calculations.	1 hour per week: Sparx Science and past exam questions on current topics in lessons and previous topics for revision.
Autumn Term 2	Energy: energy stores and pathways, energy calculations.	1 hour per week: Sparx Science and past exam questions on current topics in lessons and previous topics for revision.
Spring Term 1	Particle Theory: density and states of matter and changes of state.	1 hour per week: Sparx Science and past exam questions on current topics in lessons and previous topics for revision.
Spring Term 2	Particle Theory: internal energy, specific latent heat, gas pressure. Electricity: electrical circuits, series and parallel, resistance.	1 hour per week: Sparx Science and past exam questions on current topics in lessons and previous topics for revision.
Summer Term 1	Electricity: electricity in the home, alternating and direct current, plugs, wires and fuses.	1 hour per week: Sparx Science and past exam questions on current topics in lessons and previous topics for revision.
Summer Term 2	Revision and exam preparation for end of year exams. Forces: calculations and analysis of forces and motion, analysing motion graphs, momentum and braking.	1 hour per week: Sparx Science on current topics and revision of previous topics. Exam practice using past exam questions.
Every mark matters	Assessment	Key contacts
	Students think hard, answer lots of questions and get feedback on their work every lesson. Exam Spring 1: 30 minutes assessment topics studied so far. Exam Summer 2: 1 hour 45 minutes past paper mock.	Acting Head of Department: Samuel.Down@ theregisschool.co.uk