

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	Computational Thinking: decomposition, abstraction and basic algorithms. Problem Solving With Programming: constructs, data types and structures.	1 hour per week: questions set on Smart Revise on current topics in lessons/previous topics.
Autumn Term 2	Computational Thinking: trace tables and errors. Data: binary mathematics. Problem Solving with Programming: data types, structures and operators.	1 hour per week: questions set on Smart Revise on current topics in lessons and previous topics.
Spring Term 1	Data: hexadecimal and data representation. Problem Solving with Programming: data types, structures and developing code.	1 hour per week: questions set on Smart Revise on current topics in lessons and previous topics.
Spring Term 2	Computational Thinking: algorithms with arrays. Data: units of data and data limitations. Problem Solving with Programming: developing code from algorithms.	1 hour per week: questions set on Smart Revise on current topics in lessons and previous topics.
Summer Term 1	Computational Thinking: searching and sorting algorithms. Problem Solving with Programming: developing code from algorithms and error testing.	1 hour per week: questions set on Smart Revise on current topics in lessons and previous topics.
Summer Term 2	Computers: Von Neumann concept, primary storage, secondary storage, embedded systems, characteristics and purpose of code levels, interpreters and compilers. Problem Solving with Programming: subroutines, developing code from algorithms and error testing.	1 hour per week: questions in the homework book on previous topics.
	Assessment	Key contacts
Every mark matters	Students think hard, answer lots of questions and get feedback on their work every lesson. Exam: Spring 1 and Summer 2	Head of Subject: Matt.Baker@theregisschool.co.uk