

LORIC Department Focus



Science

THIS TERM	LEADERSHIP	ORGANISATION	RESILIENCE	INITIATIVE	COMMUNICATION
Key Stage 3	Students are given leadership roles within class. Whether it be equipment in a practical, SPAG leader, books or homework monitor.	Students are given the opportunity to carry out practical science. They must plan and meticulously carry out their investigation.	Interleaving and challenge questions are embedded into each lesson so that over time students will be comfortable challenging themselves.	Students are greeted to lesson with a starter on the screen. They are to prepare themselves and complete the task set without teacher input.	All KS3 students are given a long written question once a half term. Each term they are given a project to complete a model of the relevant topic and present it to their peers.
Key Stage 4	Students are given the opportunity to create starters and plenaries for lessons. Taking the lead on their education.	Students are expected to organise their class notes into cue cards and mind maps after each lesson.	Interleaving and challenge questions are embedded into each lesson so that over time students will be comfortable challenging themselves.	Students are greeted to lesson with a starter on the screen. They are to prepare themselves and complete the task set without teacher input.	Students are given multiple long written exam questions where they must summarise their ideas of the topic in an exam based approach.
Key Stage 5	Leadership can be evidenced in the units during practical work. Which requires the students to lead a team to solve complex issues through the process of investigations.	Unit 2 and Unit 3: Investigation and lab skills requires organisation to successfully pass.	Unit 5 is said to be the most challenging of all the units. This will require the students to show resilience and not give up.	Unit 4 requires students to create a project. They will need initiative to successfully complete this.	Unit 4 requires the students to investigate their own product. This must be communicated properly to gain full marks.