



Formal Groups curriculum summary and overview

Date: academic year 2021-22

Subject Title: Science

Intent:

Science at Sir Tom Finney is designed to challenge the students to think outside the box and solve problems that will help them one day lead independent lives. All aspects of the National Curriculum are covered and then differentiated to meet our students' needs. Scientific topics are made relevant to our students own lives and focus on developing valuable life skills. Investigative skills, creative thinking and staying safe, as well as theoretical concepts are taught throughout the subject's delivery across the school.

Implementation:

Delivery is organised across broad ability based teaching and learning groups in each key stage. This allows work to be differentiated to meet ability ranges with access to staffing ratios that offer small group and individual 1:1 support when needed. Staff are experienced and follow appropriate professional development opportunities to support delivery models. Each subject follows a curriculum map that highlights the content and progression. Assessment is both formative and summative to inform next steps in learning and summarising attainment and progress. Some students will also access enhanced personalised timetables to meet specific additional needs if appropriate.

Impact:

Students will learn to become independent and develop skills that they can take with them throughout life. They will learn about their bodies, the environment around them and how many things in the world work. Biological, Chemical and Physical concepts are related to the individual lives that they lead, and investigative principles are used to encourage students think creatively and solve problems that they might encounter on a day to day basis. Some students will go on to achieve the AQA Entry Level in Science qualification in KS4, where others will continue to develop important knowledge and skills related to the world around them and developing their independence.