

Applied Science

12	Term 1	In this term we are going to start looking at Unit 1: Fundamentals of Applied Science. We will be exploring the structures of different biological molecules and what their roles are within living organisms. We will also be looking at the fundamentals of the atom arrangement and atomic structure. STEAM Skills Focus - Communication
12	Term 2	In this term we are going to continue our work through Unit 1: Fundamentals of Applied Science. We will be exploring the impact that different ions and their impact on living organisms. We will also be exploring organic chemistry, looking at both their structures and reactions. STEAM Skills Focus - Collaboration
12	Term 3	In this term we are going to complete Unit 1: Fundamentals of Applied Science and start working on Unit 2 and Unit 6. Unit 2 will focus us applying the fundamentals into practical work. We will become fluent in five different practical techniques and build upon our skills of completing Lab reports. Unit 6 will focus on the legal side of working and developing a lab to ensure everyone is safe within the work environment. STEAM Skills Focus - Problem-Solving, Communication, Critical Thinking
12	Term 4	This term, we will continue working on Unit 2 and Unit 6. Unit 2 will focus us applying the fundamentals into practical work. We will become fluent in five different practical techniques and build upon our skills of completing Lab reports. Unit 6 will focus on the legal side of working and developing a lab to ensure everyone is safe within the work environment. STEAM Skills Focus - Problem-Solving, Communication, Critical Thinking
12	Term 5	This term, we will continue working on Unit 2 and Unit 6. Unit 2 will focus us applying the fundamentals into practical work. We will become fluent in five different practical techniques and build upon our skills of completing Lab reports. Unit 6 will focus on the legal side of working and developing a lab to ensure everyone is safe within the work environment. STEAM Skills Focus - Problem-Solving, Communication, Critical Thinking
13	Term 1	This term, we will finish any outstanding work in Unit 6 and start of Unit 18 & 21. These units help the student gain the skills needed to take a product through all stages of development from idea to development to quality control. STEAM Skills Focus - Problem - Solving
13	Term 2	This term we will continue working on Unit 18 & 21. Additionally, we will prepare for the Unit 2 exam. STEAM Skills Focus - Communication
13	Term 3	This term we will continue working on Unit 18 & 21. STEAM Skills Focus - Creativity
13	Term 4	This term will be the final push to complete all course work and complete any revision to support any exams which the students may need to take. STEAM Skills Focus - Critical Thinking
13	Term 5	Final revision push, course work completion and external exams. STEAM Skills Focus - Critical Thinking