

General Information	Introduction to Applied Science		
<p>To give you a taste of what's to come, you'll be set some exciting weekly challenges in the run-up to the course. These will include watching videos, researching real-world science topics and answering thought-provoking questions. See the table below with the tasks to be completed, further detail will be available on Google Classroom.</p> <p>Each week brings something new, and at the end of the 4 weeks, you'll take part in an exit quiz to check how much you've learned along the way.</p> <p>These activities are a great way to get stuck into the world of Applied Science – and while they're designed to give you a flavour of the course, completing them will give you a real head start. Don't forget to bring your work with you on the first day of term – we can't wait to see what you've discovered!</p>			
Week 1	Work your way through the slides. 3 Biology Tasks to complete.	<u>Tasks</u> Read the slides Draw an animal and plant cell Identify the differences between eukaryotic and prokaryotic cells Research specialised cells	<u>Links</u> Difference between cells
Week 2	2 Chemistry tasks to complete	<u>Tasks</u> Watch the video on Atomic structure Complete the questions	<u>Links</u> Atomic Structure
Week 3	4 Physics tasks to complete	<u>Tasks</u> Draw a series and parallel circuit Explain the difference between circuits Write definitions Identify equations and rearrange	<u>Links</u> Difference between series and parallel circuits
Week 4	3 tasks based on Scientific investigative skills	<u>Tasks</u> Create a glossary Research and make notes Research and interview task	<u>Links</u> Electromagnetic radiation and X-rays Ultrasound
Week 5	Get ready to put your knowledge to the test with our fun end-of-summer Science Showdown Quiz – your final mission before starting Applied Science!		Quiz