
















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	Introduction Biology Cells	<p><u>Tasks</u></p> <ul style="list-style-type: none">  Read the slides  Watch the video on cells  Draw an animal and plant cell  Identify the differences between eukaryotic and prokaryotic cells  Research specialised cells
Week 2	Chemistry Atomic structure	<p><u>Tasks</u></p> <ul style="list-style-type: none">  Watch the video on Atomic structure  Complete the questions
Week 3	Physics Circuits	<p><u>Tasks</u></p> <ul style="list-style-type: none">  Read the notes on series and parallel circuits  Draw a series and parallel circuit  Explain the difference between circuits and write definitions  Write equations and rearrange

Week 4	Scientific investigative skills	<p><u>Tasks</u></p> <p> Watch these videos on Electromagnetic radiation & X-rays and Ultrasound</p> <p> Create a glossary</p>
Week 5	Plan an investigation and Quiz	<p><u>Tasks</u></p> <p> Plan an investigation into_“Which ball bounces the highest?”</p> <p>Include-</p> <ul style="list-style-type: none"> ● Variables ● Risk assessment ● Method <p> 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!</p>