

<h2 style="margin: 0;">Getting Ready For <i>Applied Science</i></h2>		
Your Name		
CAMTEC L3 Applied Science	Transition from GCSE to Level 3 Applied Science	Summer 2023

We are delighted you have chosen to study Applied Science at Haywards Heath College.

Instructions: This pack will help you make the best possible start to studying this subject.

The tasks in this pack:

- should take you **about 4 hours to complete**.
- should be handed into your teacher when teaching starts **from 11th September 2023** with your name on it for assessment.
- are also available on the internet – follow the links in the document.

If you need help: The tasks are designed to get a bit more difficult as you work through them as they are preparing you for studying at a higher level and to become an effective independent learner. You should try to get as far as you can working on your own but if you do need help, please email us at info@haywardsheath.ac.uk telling us which Getting Ready For pack you are working on and what help you need. Help is available throughout the summer holidays.

Skills Focus for this Getting Ready for Pack	
Maths skills: Converting to SI units Calculating sizes of atoms Balancing chemical symbol equations Working out formula of ionic compounds	GCSE science knowledge, including: Periodic table Atomic structure Structure types Chemical symbol equations

Target Grade	Type of task	Task and subject specific skill reference	Deadline
All	Download workbook	<p>Download the workbook</p> <p>Click on this link https://www.dropbox.com/scl/fi/891wddwhjo5khlugjzyna/GRFP-Applied-Science-workbook-2023.docx?rlkey=qps5wn9v0pg7sx9xr8xi48cus&dl=0 Or this one https://docs.google.com/document/d/1AMKYdwT1qtuGM-qGWHGS1E--wWfXvO1u/edit?usp=drive_link&ouid=102566536995964408814&rtpof=true&sd=true and download the Applied Science L3 summer workbook. You will need to hand in your completed workbook to your teacher at the start of the term. If you have any problems, please send an email to info@haywardsheath.ac.uk or to me at Chinkitt@haywardsheath.ac.uk</p>	You will need to do this to access the set tasks
All	Review GCSE work	<p>Worksheet 1: The Periodic Table</p> <p>An understanding of the Periodic Table is important for any science course. This worksheet reviews what you should have learnt in GCSE Science. If you need help completing this activity, GCSE bitesize revision is helpful: https://www.bbc.com/bitesize/topics/zxnftv4</p>	from 11 th September 2023
All	Reviewing GCSE work	<p>Worksheet 2 and 3: Atoms, ions and electron arrangement</p> <p>This activity reviews atomic structure and ions. You will need a scientific calculator for this activity – this is an essential requirement for this course. For help in converting pm (picometres) to metres, click on this link https://physics.nist.gov/cuu/Units/prefixes.html</p>	from 11 th September 2023
All	Worksheet questions	<p>Worksheet 4: Structure types</p> <p>You should have covered the different types of substances – metallic, ionic, simple covalent, giant covalent and monatomic in GCSE Science. These are some bbc bitesize notes to help you answer the questions: https://www.bbc.com/bitesize/guides/zjfkw6f/revision/1</p>	from 11 th September 2023
All	Understanding chemical formulas	<p>Worksheet 5: Writing chemical formula</p> <p>Understanding how to write chemical formula is vital for success in chemistry. You may find this video helpful: https://www.youtube.com/watch?v=URc75hoKGLY</p>	from 12 th September 2023
All	Balancing equations	<p>Worksheet 6: Balancing equations</p> <p>You should have learned how to write balanced equations in your GCSE course. Attempt as many as you can. You may find this video helpful: https://www.youtube.com/watch?v=2Juem0lcifE</p>	from 11 th September 2023
Notes:			