

Dear A Level Chemistry Students (☺),

Preparing for A Level Chemistry: Summer Home Learning 2020

Congratulations on having completed your GCSE studies, even if you didn’t get to sit any exams. Fingers crossed for you that you will get the grades you deserve in August. Remember you will have an opportunity to take the exams in the autumn term if you are disappointed.

When it comes to applying for university or apprenticeships after 6th Form one of the key factors they will be looking at is how well you perform during your first year on the A level courses you are taking. This work is to ensure that you get off to a good start on your A Level Chemistry Course. It is especially important as you have unfortunately (!!!) missed out on the rigour of exams and the consolidation of knowledge that would have undoubtedly brought.

However, let’s get to the point………you have already demonstrated excellent decision making skills by making the brave decision to study Chemistry at A level. This is no light undertaking and you should be prepared for the challenges ahead. All we can promise is that studying chemistry will open up lots of doors for your future in a wide range of areas and you will have wonderful teachers (☺) …..so welcome!

With this letter you will find several resources so this is what we expect you to do:

**Powerpoint**

1. Run the PowerPoint as a show. It will tell you a bit about the course and how it is examined it will then tell you a bit about the tasks and ask you to read the rest of this letter and follow the instructions…. from point 2 onwards…..

**Scanned Sheets**

1. Read the information on the scanned sheets and then answer the questions on the bottom of each page.
2. Self-mark your work using a different coloured pen and using the answers which are at the end. We expect you to learn, know and, more importantly, understand all of this by the time we start in September.

**AQA Transition Guide**

1. Read through the AQA Transition Guide. Take your time – there are some great links- follow the ones that intrigue you and enjoy opening up your mind to new experiences. Alongside this, work through the tasks- want to check if you are correct? Email Ms Heales for the answers. jill.heales@langleyacademy.org.

**Key Facts to Find and Learn**

1. Once you have done the initial work above then you should be able to easily complete the ‘Key facts’ questions although there may be a few extra facts you will need to look up. Again once you have completed it you can email Ms H for the answers. Learn these facts off by heart! **You will be tested on these during your first Chemistry lesson in September**.

***And to finish…one of the more important links in the transition guide…***

1. If you are Interested in Chemistry then it’s worth exploring the **Royal Society of** **Chemistry** **Website** over the summer (<http://www.rsc.org>), mentioned in the Transition Guide if it was one of the links you didn’t bother to explore! If you are not interested in Chemistry, then why do you want to study it? There is also lots of support and games on the following linked education site <https://edu.rsc.org/student>
2. Now is an opportunity to explore the scientific community you are joining on social network, the internet is full of Science and Chemistry blogs, twitter accounts and podcasts. A quick search for some key terms that interest you can reveal some true gems, for those of you who are unsure where to start try [www.compoundchem.com](http://www.compoundchem.com) is a fascinating blog and [*The Infinity Monkey Cage*](https://www.bbc.co.uk/programmes/b00snr0w) is a great podcast.
3. Lastly, do enjoy your summer break. We are going to be working very hard on some very challenging content straight from the start of the year and we need you well rested and focussed for your first lesson.

All the best,

Ms Vinojan, Ms Malama-Smith and Ms Heales