

GETTING AHEAD



HAVANT

Start to develop skills that are relevant to your course before you join HSDC this September!

Chemistry – A Level

Hello and well done for choosing Chemistry as one of your subjects. Our entry requirement is at least a grade 6 in Chemistry or both years of Double Science **and** at least a 6 in Maths. We need to make sure that you know the essential sections of GCSE material which will enable you to cope with the rigours of the course. Please work through this pack as instructed. Every time you come across a topic that you find difficult, work on it until you can do it with ease. If you need help or have any questions, please do not hesitate to contact me: Ginger.csom@hsvc.ac.uk

Activity

Join the Year 11 Getting Ahead in Chemistry Seneca Classroom and complete two assignments

- Go to <https://www.senecalearning.com/>
- Click 'Students, use for free'
- Create an account
- Among the top tabs, click 'Classes and Assignments'
- Click on the class that is set up for you and enter the class code.
- Your code to join the class is: **uguzt7wi7u**
- Click on the class to get in
- On the left hand tab, the bookshelf icon shows you all the topics available for you to learn.
- The one next to it, a note page with a dot, are your assignments. Click on this icon.
- The two assignments I set will be listed here.
- Click on them to work through the material.

You can do more than just the assigned sections (via the bookshelf icon) but please do those that are set up.

They are set up as assignments for you with a **due date of Sunday 6th September 2020**.

Basic Reactions: 30-50 minutes

Revision of the most important topics: 2-3 hours

We look forward to seeing you in September!

For further information about your college and being a student at HSDC, please visit hsvc.ac.uk/Havant

Watch the videos

These will help you understand the material (if you don't already). Please watch them alongside the relevant topic of your Seneca Learning.

I strongly recommend that you subscribe to Tyler DeWitt's YouTube channel as you will likely come back to these videos and other ones during your A Level studies.

Here are some that I would really like you to watch before September:
(Total time 1 hour 38 minutes, you don't have to watch them all at once).

<https://www.youtube.com/watch?v=5UjwJ9PIUvE>

Significant figures - the basics - part 1

https://www.youtube.com/watch?v=PNH7_nDE6SQ

Significant figures - the basics - part 2

<https://www.youtube.com/watch?v=7b60RZqut0U>

Significant figures – with zeros

<https://www.youtube.com/watch?v=ExETL3liRSw>

Significant figures – practice problems

<https://www.youtube.com/watch?v=URc75hoKGLY>

writing ionic formulae (simple) Tyler DeWitt

<https://www.youtube.com/watch?v=p9iQ5Qn42DM>

writing ionic formulae (polyatomic) Tyler DeWitt

<https://www.youtube.com/watch?v=yA3TZJ2em6g>

balancing equations Tyler DeWitt

<https://www.youtube.com/watch?v=eNsVaUCzvLA>

balancing equations.. worked examples Tyler DeWitt

<https://www.youtube.com/watch?v=b2raanVWU6c>

Conversion of mass to moles and back again.

<https://www.youtube.com/watch?v=nZOVR8EMwRU&t=243s>

Stoichiometry with burgers

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Did You Know?

If you would like to do wider reading or learning, here are some suggestions for you. If you are studying Biology, Chemistry and/or want to go into any kind of medical field read 'The Body' by Bill Bryson. Students studying any science related subject for example Physics or Geology have a read of 'A Short History of nearly everything' by Bill Bryson. You can opt to listen to them as audiobooks which I recommend if you have an audible account. The material in both these books is presented in a highly enjoyable manner. If you have an interest in how we and our universe came to being it is a great read/listen. Both books will also give you an idea of how cut-throat science can be at times and provides ideas on different areas of research. Talking about them at University interviews can be worthwhile as it shows you have gone the extra mile with your reading. Here is the link

<https://www.audiobooks.co.uk/audiobook/body-a-guide-for-occupants/367419>

Enjoy your Learning!

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