Summer work

Year 10 Chemistry

 Terms 1, 2 and 3

**Year 10 IGCSE Chemistry revision guidelines**

You will be examined on all of the Chemistry topics you have studied this year, which include the following:

Topic 1 States of Matter Pg 2 - 11

Topic 2 Separating Substances Pg 12 - 25

Topic 3 & 4 Atoms, Elements & Atoms Combining Pg 26 - 61

Topic 5 Formulas & Equations Pg 62 - 71

Topic 12 The Periodic Table Pg 162 -177

Topic 13 & 14 Behaviour and uses of metals Pg 178 – 205

Topic 11 Acids, Bases and Salt Pg 144 - 161

Topic 19 Identification of Ions Pg 274 – 286.

All students need to revise from the above pages of the textbook as well as all the topic handouts given in class. You should also use your classroom notes and examples in your exercise book. The attachment links provide you with practice exam questions for each topic for you to attempt.

You may wish to use the following website to help you:

* <http://www.bbc.co.uk/schools/gcsebitesize/>
* <http://www.docbrown.info>
* <http://www.chemguide.co.uk/igcse/chapters/chapter5.html>

You can check that you remember all the Chemistry keyword definitions and equations by testing yourself using the Quizlet quizzes that can be found on Edmodo.

**Preparing for the End of Year Exam in Chemistry**

1. Find the Cambridge Syllabus that was given to you at the beginning of the year.
	1. Write a note or draw a diagram to illustrate (answer) every single syllabus point. Use your text book and exercise book to help you.
	2. Include examples of how to answer questions;
2. When you have finished the notes use them to make a second draft. It is important not to just copy the text book – think hard about what it means and put it into your own words.
3. Now your notes are in your own words make one last version – challenge yourself to write the shortest sentences and turn most of it into diagrams.
4. Using other revision books is no substitute for writing your own notes – it is the act of writing in your own words and diagrams that synthesises and embeds the knowledge, as well as confirming to you that you really do understand it. More importantly – if you can’t write a short note it tells you that you don’t really understand it yet!
5. At the end of each set of notes for a topic do practice questions. There are exam questions in the text book at the end of each chapter.