

SUBJECT NAME : **CHEMISTRY**

Activity	Main study Independent Study Task Activity Guidance Notes	Suggested supporting visits or readings.
Task / Topic 1	<p>In chemistry there are lots of key words and terms. The more you can learn the more marks you will get!</p> <p>Your challenge is to complete the cross word containing many of these key words – some you may know, some you may not!!</p> <p>There is also a hidden word to try and determine from the shaded squares.</p> <p>Also on the back of the worksheet please see a table of common ions. You must ensure that you know the formula of the common ions and how to determine the formula of a salt by September</p>	<p>The textbook may help you if you buy that over the Summer:</p> <p>OCR AS Chemistry Publisher: Pearson For AS - ISBN: 978 1 447990 78 9</p> <p>For A level - ISBN: 978 1 447990 81 9</p>
Task / Topic 2	<p>Fancy a book to read on your holidays. Then look no further!! Choose one of the following books to read over the summer and write a short synopsis on it (100-200 of your own words)</p> <ul style="list-style-type: none"> ▪ A short history of nearly everything – Bill Bryson ▪ Uncle Tungsten – Oliver Sacks ▪ Molecules of Murder – John Emsley 	<p>You might also be flicking through the TV channels on rainy days, so occasionally flick through the documentary channels and look for programmes that are related to the environment or global warming etc. Or anything to do with fossil fuels (you never know, you might actually find it interesting!!)</p>
Task / Topic 3	<p>If you find yourself at a loss for something to do then why don't you take yourself (perhaps with a friend) into London to visit one of the following museums:</p> <ul style="list-style-type: none"> ❖ Science Museum (it's free!!) <ul style="list-style-type: none"> ▪ In particular visits the exhibits: Challenge of Materials; Plasticity; Making of the Modern World <p>If you have aspirations of becoming a doctor you might find these places interesting</p> <ul style="list-style-type: none"> ❖ Hunatarium Museum ❖ Open Operating Theatre (at London Bridge) 	
<p>Please complete the set tasks and submit to your subject teacher on the first lesson in September if you cannot print the work completed please email your teacher Mrs Pelham Judith.Pelham@tolworthgirlsschool.co.uk , Miss Parker at Eleanor.Parker@tolworthgirlsschool.co.uk , or Dr Mayfield at Lucy.Mayfield@tolworthgirlsschool.co.uk</p>		