

Summer Assignment : AS Chemistry

Context – link to Yr 11-12 work:	This task is in preparation for chemistry introduction.
Task:	<p>Task 1: Write an essay about the evolution of atomic structure. <i>“How has our understanding of atomic structure evolved?”</i></p> <p>The essay should be between 800-1000 words. It must be in your own words.</p> <p>Task 2: Write detailed notes about the atomic structure and include the following;</p> <ol style="list-style-type: none"> 1. Details about the fundamental particles, their relative masses and charges. 2. Structure 3. Mass number and atomic number 4. Electron configuration 5. Mass spectrometry <p>Task 3: Complete set calculation questions (moles workbook) Pages 1-26</p>
Resources required:	<ol style="list-style-type: none"> 1. Photocopies of relevant pages of chemistry AS book. 2. Chemguide http://www.chemguide.co.uk/ 3. GCSE Chemistry revision guide.
Expectation for completed work (e.g word count, note format, reading record etc.)	<p>Task 1 and 2 should be typed in Ariel font size 12, and stapled in together in the Task order.</p> <p>Task 3 Can be typed or hand written.</p>

Summer Reading List Yr 11-12 Reading List – (insert subject)

Book	Chapter or extract	Questions to guide reading (to be completed as notes)
GCSE Chemistry book	<i>Atomic Structure</i>	
AS chemistry copied pages.	Atomic Structure	
Recommended to buy: https://www.amazon.co.uk/Chemistry%C2%B3-Introducing-inorganic-physical-chemistry/dp/0199277893/ref=sr_1_2?s=books&ie=UTF8&qid=1465292077&sr=1-2&keywords=chemistry+cube		