**Key Stage 3 Science/Cemeg**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Welcome to year 9**  **Marking:** Your work in this book will be checked for completion and effort. Key spelling, grammar and punctuation errors will be highlighted and the quality of key numerical tasks assessed (tables, graphs and calculations) will be commented on. Gaps and weaknesses in your work will be highlighted by your teacher. These must be completed by the following lesson.  **TIM Assessments:** You will be planning, performing and analysing a levelled investigation each term. You will need to proof read and assess your work before giving in. You will then be given written teacher feedback that clearly identifies both the good features and any parts for you to complete to improve your work. These must be completed by the following lesson and should be stamped by a teacher as complete.  **Homework:** Homework will be set equivalent to 30 minutes per week. The homework booklet will be given to you at the start of the year by each subject teacher and will have details of the **gwaith cartref** to complete. | | | | | | |
| Year : | Autumn Term | | Spring Term | | Summer Term | |
| Topic(s) | WJEC triple award science (GCSE)  Chemistry – Unit 1 : Chemistry 1 (1.1-1.3)and small sections from units 2 – 1.2 | | | | | |
| Assessment  Key term HW for each unit (also available on Google classroom)  HW of choice (1 per term)  End of unit recall test  Level assessed investigation (1:1) | Chem 1:1 Nature of substances and chemical reactions | Chemistry 1:2 Atomic structure and Periodic table | Chemistry 1:3 Water | Chemistry 1:3 Water | Chemistry2:2  Acids, bases and salts | Chemistry 2.2 Acids, bases and salts |
| Literacy and numeracy focus | Reading and writing  Using number, data and measuring skills | Reading and writing  Numerical reasoning and using data skills | Reading and writing  Numerical reasoning and using data skills | Oracy and writing  Using number, measuring and data skills | Reading and writing  Numerical reasoning  Using number and data skills | Reading and writing and oracy  Numerical reasoning and  using data skills |
| Homework  Half term 1 | Learn the spellings for the key terms for each unit  Complete the homework sheet to link the key terms with their descriptions/definitions for each unit  Research for biology levelled investigation | | Learn the spellings for the key terms for each unit  Complete the homework sheet to link the key terms with their descriptions/definitions for each unit  [Research for physics levelled investigation] | | Learn the spellings for the key terms for each unit  Complete the homework sheet to link the key terms with their descriptions/definitions for each unit  [Research for chemistry levelled investigation] | |
| Homework  Half term 2 | Prepare revision material using the fact mats to revise for the end of unit recall tests  Select and complete an extended homework task for each unit  [Research and prepare presentation in groups for physics oracy presentation] | | Prepare revision material using the fact mats to revise for the end of unit recall tests  Select and complete an extended homework task for each unit  [Research and prepare presentation in groups for chemistry oracy presentation] | | Prepare revision material using the fact mats to revise for the end of unit recall tests  Select and complete an extended homework task for each unit  Research and prepare presentation in groups for biology oracy presentation | |