**Key Stage 3 Science/Gwyddoniaeth**

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| **Welcome to year 8**  **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 | |
| Unit(s) | Fit and healthy  Elements and compounds  Light and sound | | Perfect plants  Mixtures  Electric circuits | | Microbes and DNA  Reactivity of substances  electromagnetism | |
| Assessment | Key term spellings and definitions and  Levelled chemistry investigation | Physics oracy presentation  End of unit recall test for each unit | Key term spellings and definitions  Levelled biology investigation | biology oracy presentation  End of unit recall test for each unit | Key term spellings and definitions and  Levelled physics investigation | Chemistry oracy presentation  End of unit recall test for each unit |
| Literacy and numeracy focus | Writing  Using measuring skills  Using number and using data skills | Reading and comprehension  Using data skills  Oracy | Using number skills and numerical reasoning  Using number and using data skills | Writing  Using number skills  Oracy | Writing  Numerical reasoning and using data skills  Using number and using data skills | Reading, comprehension and writing  Oracy |
| 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 chemistry 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 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 | |
| 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 biology 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 | |