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| **Y11 Set3 Autumn Term BTEC Level 2 Applied Science Extended Certificate & Diploma Board: EDEXCEL** | | | |
| **Key Topics** | **Exam Dates** | **Controlled Assessment** | **What the student needs to do:** |
| Growing Plants for Food; (Unit 12)  ( Mr Winter)  Applications of Chemical substances  Unit 4 ( Mr Baker )  Scientific project  Unit 7 ( Mr Baker ) | Continual assessment  assignments  All Unit 12  assignments complete by  14th December  All Unit 4  assignments complete by  24th November  All Unit 4  components complete by  26th January | Assignments  P1, Plant components in relation to food production;  P2, Materials that are stored in plants,  P3, Where major food plants are grown in the world;  P4, Food supply, Nationally and Global  P5, Plant breeding technology,  P6 Effects of fertilisers on food production.  1. Compounds with different bond types;  2. Exothermic and endothermic reactions;  3. Organic compounds;  4. Application of specialised materials.  P1 Identify the health and  safety risks  P2 Project plan  P3 Assemble and use  appropriate equipment  P4 Record scientific data  P5 Analyse the scientific data  P6 Produce a scientific report | Ensure all pass level assignments are completed fully;  Students working towards Merit must complete all tasks for the higher levels.  Ensure all pass level assignments are completed fully;  Students working towards Merit must complete all tasks for the higher levels.  Ensure all pass level assignments are completed fully; |
| **Y11 Set 3 Spring Term BTEC Level 2 Applied Science Extended Certificate / Diploma** | | | |
| **Key Topics** | **Exam Dates** | **Controlled Assessment** | **What the student needs to do:** |
| Monitoring the environment ( Unit 11  ( Mr Winter)  Extension and catch-up tasks;  ( Mr Baker) | Continual assessment.  Assignments complete P1 & P2 by 9TH Feb.  P3, P4, by 28th March.  P5 by May 17th  All Units  assignments complete by  24th May | Assignments  P1 the structure and  operation of ecosystems  P2 human activities that  influence ecosystems  P3 monitoring ecosystems  P4 role and rationale  of agencies in environmental  protection  P5 reasons for protecting  the environment. | Ensure all pass level assignments are completed fully;  Work independently to  re-do or complete tasks that have not been completed to your target level in the First Certificate course or in Extended Certificate/ Diploma course last term.  OR: Do Merit tasks for the ‘Growing Plants for Food’. |
| **Y11 Set 3 Summer Term BTEC Level 2 Applied Science Extended Certificate / Diploma** | | | |
| **Key Topics** | **Exam Dates** | **Controlled Assessment** | **What the student needs to do:** |
| **Flexible independent revision or assignment improvement.** |  | **24th May**  **Final date for submission of any up-dated assignments to portfolio** | Work independently to  re-do or complete tasks that have not been completed to your target level in the Extended Certificate or Diploma course last term.  **Ensure all BTEC coursework assessments are completed and submitted.** |