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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 substancesUnit 4 ( Mr Baker )Scientific projectUnit 7 ( Mr Baker ) | Continual assessmentassignmentsAll Unit 12 assignments complete by 14th DecemberAll Unit 4assignments complete by 24th NovemberAll Unit 4components 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 GlobalP5, 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 risksP2 Project planP3 Assemble and use  appropriate equipmentP4 Record scientific dataP5 Analyse the scientific dataP6 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 17thAll Unitsassignments complete by 24th May | Assignments P1 the structure andoperation of ecosystemsP2 human activities thatinfluence ecosystemsP3 monitoring ecosystemsP4 role and rationaleof agencies in environmentalprotectionP5 reasons for protectingthe 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.**  |