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|  **Y11 Autumn Term HORTICULTURE BTEC 1ST CERTIFICATE AND EXTENDED CERTIFICATE Board: EDEXCEL**  |
| **Key Topics** | **Exam Dates** | **Controlled Assessment** | **What the student needs to do:** |
| Revision of Year 10 wk(soil Science).Nitrogen and Carbon cyclesFertilisers – major and trace  nutrientspHfertiliser Ratios andnutrient weight analysisSoil ColloidsRisk Assessments |  | Various practical Assessments**Project**Fertilisers and nutrient deficienciespH test and adjusting pH in soils.Risk Assessments to complete | • Make sure **all** project work from Year 10 is complete• Complete **all** preps in work – Nitrogen and Carbon cycles, fertiliser sheet.• Complete pH test and sheets• Complete risk assessment sheets• Complete projects |
| **Y11 Spring Term** |
| **Key Topics** | **Exam Dates** | **Controlled Assessment** | **What the student needs to do:** |
| **Unit 8**Growing crops – Soil preparation Planting Crop care Harvesting**Unit 5**Composition of hand and mechanical landpreparation and harvestingPests, diseases, disorders and  weeds. |  | Various practical assessments.**Projects**• Starting a Primary School Garden.• Looking after your crop and harvest• Preparing a cropping schedule | • Complete **all** project work so far.• Complete **All** new projects• Ensure as many assessments are done as possible. |
| **Y11 Summer Term**  |
| **Key Topics** | **Exam Dates** | **Controlled Assessment** | **What the student needs to do:** |
| **Unit 5**Plant identificationCompletion of all project work |  | **Projects**• Comparison of hand and mechanical preparation of soil and of harvesting crops.(for extended certificate) | • Ensure all project work is completed by half term.• Complete **all** practical assessment by half term. |