***YEAR 11 AGRICULTURE OVERVIEW TEAR 1, 2020***

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| Week | Date | Sub-strand | Key learning Outcomes | lesson | Assessments | Videos | Resources |
| 1-3 | 3 Feb – 21 Feb | ***Subject Orientation*** | | | | | |
| 4 | 24 Feb – 28 Feb | **1. SUSTAINABLE FARM ECOSYSTEM:** Natural and Farm Ecosystems | Understand natural and farmed ecosystems and the influence of farmers on them | Explain importance of studying ecosystems in relation to agriculture production | Activity: Difference/ similarities between 2 ecosystems | Different ecosystems | *Teachers notes, dynamic agriculture bk 3, Senior Secondary agriculture science* |
| 5 - 6 | 2 Mar – 13 Mar | Agricultural Management Systems | Understand the Agriculture management systems and the importance of diversification | Copy notes | Summary table |  | *Teachers notes, dynamic agriculture bk 3, Senior Secondary agriculture science* |
|  | | | | Class Discussion | Worksheet: Identify management practices and systems and state impact |  | *Teachers notes, dynamic agriculture bk 3, Senior Secondary agriculture science* |
| 7 - 8 | 16 Mar – 27 Mar | Impacts of Agriculture on Ecosystems | Impacts of agricultural practices on natural ecosystems | Copy notes |  | Impacts of agricultural practices on soil/ Deforestation/ | *Teachers notes, dynamic agriculture bk 3, Senior Secondary agriculture science* |
|  | | | | Class Discussion | Topic Test: Sustainable Farm Ecosystem |  | *Teachers notes, dynamic agriculture bk 3, Senior Secondary agriculture science* |
| 9 - 10 | 30 Mar – 10 Apr | **2. SOIL MANAGEMENT:** Properties of Soil | Different Properties of Soil in relation to Agriculture | Copy notes |  |  | *Teachers notes, dynamic agriculture bk 3, Senior Secondary agriculture science* |
|  | | | | Class Discussion | Experiment: calculating soil water holding capacity/ soil pH/ ... | Determining properties of different types of soil | *Teachers notes, dynamic agriculture bk 3, Senior Secondary agriculture science* |
| 11- 13 | 13 Apr – 1 May | Soil Management practices/ Soil Conservation Practices | Understand soil management practices used to improve farm soils/ Understand different types of soil conservation techniques | Copy notes |  |  | *Teachers notes, dynamic agriculture bk 3, Senior Secondary agriculture science* |
|  | | | | Class Discussion | Worksheet: Identify different soil management practices | Types of Soil Erosion | *Teachers notes, dynamic agriculture bk 3, Senior Secondary agriculture science* |