

# AGRICULTURAL MANAGEMENT PRACTICES: GRADE 10

# ANNUAL TEACHING PLAN 2021

NB Content relates to the generics of crop and animal enterprises. Three crops and three animal production enterprises should be chosen to run concurrently with the generic content.

| Term 1<br>45 days                                   | Week 1<br>27-29<br>January<br>(3 days)   | Week 2<br>1-5<br>February<br>(5 days)  | Week 3<br>8-12 February<br>(5 days)   | Week 4<br>15-19<br>February<br>(5 days)  | Week 5<br>22-26 February<br>(5 days)  | Week 6<br>1-5 March<br>(5 days)  | Week 7<br>8-12 March<br>(5 days)   | Week 8<br>15-19 March<br>(5 days)   | Week 9<br>23-26 March<br>(4 days)  | Week 10<br>29-31 March<br>(3 days) |
|---|--|--|---|--|---|--|--|---|--|------------------------------------|
| CAPS Topic  | (CAPS pg. 28) Farm Management Tasks  |  | (CAPS p17) Natural Resources  |  | (CAPS pg. 17) Conservation of Natural resources   |  | (CAPS pg. 18) Crop and Animal production: Introduction   | CAPS p 18) Crop production: Introduction  | (CAPS pg. 18) Crop Management  |                                    |
| Core Concepts, Skills and Values                    | <input type="checkbox"/> Farm Management tasks <ul style="list-style-type: none"> <li>• Planning</li> <li>• Organising</li> </ul>  | <ul style="list-style-type: none"> <li>• Motivation and leadership</li> <li>• Control</li> <li>• Coordination and evaluation</li> <li>• Record keeping as a management tool/aid</li> </ul> | <input type="checkbox"/> Requirements for successful animal/crop production, with reference to: <ul style="list-style-type: none"> <li>• land (soil) and vegetation</li> <li>• water,</li> <li>• climate, (Climatic factors) other natural resources</li> </ul> | <input type="checkbox"/> Collection of weather data: <ul style="list-style-type: none"> <li>• temperature</li> <li>• rainfall</li> <li>• evaporation</li> <li>• wind speed</li> <li>• humidity.</li> </ul> | <input type="checkbox"/> Conservation practices in farming: <ul style="list-style-type: none"> <li>• Soil improvement, e.g. rotational cropping</li> <li>• Erosion prevention.</li> </ul> | <input type="checkbox"/> Landcare and land use <ul style="list-style-type: none"> <li>• Water resources</li> </ul> | <input type="checkbox"/> Farming systems based on: <ul style="list-style-type: none"> <li>• Outset:</li> <li>• inset:</li> <li>• Soil usage:</li> <li>• Components:</li> <li>• Technology and energy use:</li> </ul> | <input type="checkbox"/> General overview of crop production in South Africa <ul style="list-style-type: none"> <li>• Classification of crops according to agronomic / horticultural characteristics of seeds</li> <li>• General crop production practices and factors</li> <li>• Requirements for successful crop production,</li> </ul> | Basic soil requirements for crop production: Work on Management overview and finalise practical's for the term |                                    |
| Requisite Pre-Knowledge                             | Link with Grade 9 NS   |  |   |  |   |  |  |   |  |                                    |
| Resources (other than textbook) to enhance learning | Past examination papers / Agricultural Management Practices notes.   |  |   |  |   |  |  |   |  |                                    |
| Informal Assessment                                 | Questions from past papers, tests, practical work & worksheets   |  |   |  |   |  |  |   |  |                                    |
| SBA and PAT (Formal Assessment)                     | <b>TASK 1: Assignment (25%) Assignment</b> should relate to the work and must be completed during the first term.<br><b>PAT: Management overview.</b> Research on Management overview done in class time<br><b>PAT Practical: at least 2 must be done for the term.</b> PAT practical's/application must relate to topics covered in this term<br>PAT Logbook: Upkeep as learners attend practical |  |   |  |   |  |  | <b>TASK 2: TEST 1 (75%) of Term1</b> - Learners must write a formal test during the end of the term not shorter than 1 hour or 75 marks   |  |                                    |

| Term 2<br>51 days                                   | Week 1<br>13 – 16 April<br>(4 days)   | Week 2<br>19 – 23 April<br>(5 days)   | Week 3<br>28 – 30 April<br>(3 days)   | Week 4<br>03 – 07 May<br>(5 days)   | Week 5<br>10 – 14 May<br>(5 days)       | Week 6<br>17 – 21 May<br>(5 days)   | Week 7<br>24 – 28 May<br>(5 days)   | Week 8<br>31 May – 4 June<br>(5 days)   | Week 9<br>07 – 11 June<br>(5 days)                 | Week 10<br>14 – 18 June<br>(5 days) | Week 11<br>21 – 25 June<br>(5 days)                               |
|---|---|---|---|---|---|---|---|---|--|-------------------------------------|---|
| CAPS Topic  | (CAPS pg. 19) Crop Management   |   |   |   | (CAPS pg. 21) Soil and Water Management | CAPS pg. 21) Crop production  |   |   |  |                                     | Revision of content<br>Finalise practical and Management overview |
| Core Concepts, Skills and Values                    | Crop production practices <ul style="list-style-type: none"> <li>• Soil cultivation</li> </ul>  | <input type="checkbox"/> Monoculture <ul style="list-style-type: none"> <li>• Crop rotation, and inter-cropping:</li> </ul> | <input type="checkbox"/> Weeds (types, methods of distributing and methods of control): | <input type="checkbox"/> Disease (types, methods of distribution, and control): <ul style="list-style-type: none"> <li>• Pests types, (methods of distribution and control):</li> </ul> | <input type="checkbox"/> Irrigation     | Crop production enterprises for chosen crops: <ul style="list-style-type: none"> <li>• General climatic requirements</li> <li>• Main cultivars</li> </ul> | Crop production enterprises <ul style="list-style-type: none"> <li>• Crop establishment practices:</li> </ul> | Crop production enterprises <ul style="list-style-type: none"> <li>• Planting methods:</li> </ul> |  |                                     |   |
| Requisite Pre-Knowledge                             | Link with Grade 9 NS  |   |   |   |   |   |   |   |  |                                     |   |
| Resources (other than textbook) to enhance learning | Past examination papers / Agricultural Management Practices notes.  |   |   |   |   |   |   |   |  |                                     |   |
| Informal Assessment                                 | Questions from past papers, tests, practical work & worksheets  |   |   |   |   |   |   |   |  |                                     |   |
| SBA and PAT (Formal Assessment)                     | <b>PAT Management overview:</b> Assist in completion for end of term submission. Research on Management overview done in class time<br><b>PAT Practical:</b> Learners should at least do 2 practical activities. In this term<br>PAT Logbook: Upkeep as learners attend practical |   |   |   |   |   |   |   | <b>Task 3: Controlled test T2 (100%) of term 2</b> |                                     |   |

# AGRICULTURAL MANAGEMENT PRACTICES: GRADE 10

# ANNUAL TEACHING PLAN 2021

| Term 3<br>52 days  | Week 1<br>13 – 16 July<br>(4 days)  | Week 2<br>19 – 23 July<br>(5 days)  | Week 3<br>26 – 30 July<br>(5 days)  | Week 4<br>02 – 06 August<br>(5 days)   | Week 5<br>10 – 13 August<br>(4 days)   | Week 6<br>16 – 20 August<br>(5 days)   | Week 7<br>23 – 27 August<br>(5 days)   | Week 8<br>30 Aug. – 03 Sept<br>(5 days)  | Week 9<br>06 – 10 Sept<br>(5 days)  | Week 10<br>13 – 17 Sept<br>(5 days)  | Week 11<br>20 – 23 Sept<br>(3 days)               |
|--|---|---|---|--|--|--|--|--|---|--|---|
| <b>CAPS Topic</b>  | <b>(CAPS pg 20) Animal production</b>   |   |   |  |  |  | <b>(CAPS pg 20-21) Animal Management Aspects</b>   |  |   |  |   |
| <b>Core Concepts, Skills and Values</b>                    | <p><b>Investigate</b> types of farm animals (e.g. cattle, sheep, pigs and chickens)</p> <ul style="list-style-type: none"> <li><input type="checkbox"/> General overview of animal production practices in South Africa:</li> <li><input type="checkbox"/> Requirements for successful animal production, with reference to:</li> </ul>   | <ul style="list-style-type: none"> <li><input type="checkbox"/> Factors affecting animal production:                             <ul style="list-style-type: none"> <li>• climate</li> <li>• type of veld</li> <li>• management.</li> </ul> </li> </ul> | <p>Types of farm animals (e.g. cattle, sheep, pigs, chickens, horses and game)</p> <ul style="list-style-type: none"> <li><input type="checkbox"/> Main production areas in the RSA:</li> <li><input type="checkbox"/> Farming systems: examples of farming systems in animal production</li> </ul> | <p>Farm animal types (e.g. cattle, sheep, pigs, chickens, horses and game)</p> <p>General classification of farm animals</p> | <p>Farm animal types (e.g. cattle, sheep, pigs, chickens, horses and game)</p> <p>General classification of farm animals</p> | <p>Farm animal types (e.g. cattle, sheep, pigs, chickens, horses and game)</p> <p>General classification of farm animals</p> | <p>Types of farm animals (e.g. cattle, sheep, pigs, chickens, horses and game)</p> <ul style="list-style-type: none"> <li><input type="checkbox"/> Handling of farm animals (more emphasis on production enterprise):</li> </ul> | <p>Types of farm animals (e.g. cattle, sheep, pigs, chickens, horses and game)</p> <ul style="list-style-type: none"> <li><input type="checkbox"/> Care of farm animals:</li> <li><input type="checkbox"/> Behaviour of farm animals:</li> </ul> | <p>Types of farm animals (e.g. cattle, sheep, pigs, chickens, horses, and game)</p> <ul style="list-style-type: none"> <li><input type="checkbox"/> Housing:</li> <li><input type="checkbox"/> Facilities:</li> </ul> | <p>Types of farm animals (e.g. cattle, sheep, pigs, chickens, horses, and game)</p> <ul style="list-style-type: none"> <li><input type="checkbox"/> Basic concepts of feeds and feeding:                             <ul style="list-style-type: none"> <li>• classification</li> <li>• terminology components.</li> </ul> </li> </ul> | Revision of term content and finalise practicals, |
| <b>Requisite Pre-Knowledge</b>                             | <b>Link with Grade 9 NS</b>   |   |   |  |  |  |  |  |   |  |   |
| <b>Resources (other than textbook) to enhance learning</b> | <b>Own developed Power Point slides and videos, past examination papers</b>   |   |   |  |  |  |  |  |   |  |   |
| <b>Informal Assessment</b>                                 | <b>Past examination papers, practical work</b>  |   |   |  |  |  |  |  |   |  |   |
| <b>SBA and PAT (Formal Assessment)</b>                     | <p><b>TASK 4: TERM TEST – 100% of TERM: TERM 3 Content :75-100 marks</b></p> <p>PAT Management overview: Submit for marking</p> <p>PAT Practical: At least 2 Practicals should be completed based on production enterprises. Should cover all enter proses.</p> <p>PAT Write Management Test – Based on practical and management overview</p> <p>PAT Logbook: Upkeep as learners attend practical</p> |   |   |  |  |  |  |  |   |  |   |

| Term 4<br>47 days  | Week 1<br>05 – 08<br>October<br>(4 days)  | Week 2<br>11 – 15<br>October<br>(5 days)   | Week 3<br>18 – 22 October<br>(5 days)   | Week 4<br>25 – 29 October<br>(5 days)  | Week 5<br>01 – 05 November<br>(4 days) | Week 6<br>08 – 12<br>November<br>(5 days)  | Week 7<br>15 – 19<br>November<br>(5 days) | Week 8<br>22 – 26 November<br>(5 days) | Week 9<br>29 Nov – 03 Dec<br>(5 days) | Week 10<br>06 – 08 Dec<br>(3 days) |         |  |                   |                      |  |  |                   |  |                   |   |                   |  |                       |  |  |  |
|--|---|--|---|--|--|--|---|--|---------------------------------------|------------------------------------|---------|--|-------------------|----------------------|--|--|-------------------|--|-------------------|---|-------------------|--|-----------------------|--|--|--|
| <b>CAPS Topic</b>  | <b>(CAPS pg. 22) Animal Management aspects</b>  |  |   |  |  |  |   |  |                                       |                                    |         |  |                   |                      |  |  |                   |  |                   |   |                   |  |                       |  |  |  |
| <b>Core Concepts, Skills and Values</b>  | Types of farm animals (e.g. cattle, sheep, pigs, chickens, horses and game)   | THREE types of farm animals (e.g. cattle, sheep, pigs, chickens, horses, and game) | THREE types of farm animals (e.g. cattle, sheep, pigs, chickens, horses and game) | THREE types of farm animals (e.g. cattle, sheep, pigs, chickens, horses, and game) | Finalise PAT activities and revision   | <table border="1" style="width: 100%;"> <thead> <tr> <th colspan="2" style="text-align: center;">PAPER 1</th> </tr> </thead> <tbody> <tr> <td><b>Marks: 200</b></td> <td><b>Time: 3 hours</b></td> </tr> <tr> <td colspan="2"><i>Learners must answer all 4 questions.</i></td> </tr> <tr> <td><b>Section A:</b></td> <td></td> </tr> <tr> <td><b>Question 1</b></td> <td>• Short questions, objective questions e.g. MCQ, terminology, columns/statements and items (50 marks)</td> </tr> <tr> <td><b>Section B:</b></td> <td></td> </tr> <tr> <td><b>Question 2 – 4</b></td> <td>• Variety of question types.<br/>• 3 questions of 50 marks divided into subsections</td> </tr> <tr> <td colspan="2" style="text-align: center;"><b>Cognitive levels: Knowledge – 40%; Comprehension and Application-40%; Analysis, Evaluation and Synthesis– 20%</b></td> </tr> </tbody> </table> |   |  |                                       |                                    | PAPER 1 |  | <b>Marks: 200</b> | <b>Time: 3 hours</b> | <i>Learners must answer all 4 questions.</i> |  | <b>Section A:</b> |  | <b>Question 1</b> | • Short questions, objective questions e.g. MCQ, terminology, columns/statements and items (50 marks) | <b>Section B:</b> |  | <b>Question 2 – 4</b> | • Variety of question types.<br>• 3 questions of 50 marks divided into subsections | <b>Cognitive levels: Knowledge – 40%; Comprehension and Application-40%; Analysis, Evaluation and Synthesis– 20%</b> |  |
| PAPER 1  |   |  |   |  |  |  |   |  |                                       |                                    |         |  |                   |                      |  |  |                   |  |                   |   |                   |  |                       |  |  |  |
| <b>Marks: 200</b>  | <b>Time: 3 hours</b>  |  |   |  |  |  |   |  |                                       |                                    |         |  |                   |                      |  |  |                   |  |                   |   |                   |  |                       |  |  |  |
| <i>Learners must answer all 4 questions.</i>   |   |  |   |  |  |  |   |  |                                       |                                    |         |  |                   |                      |  |  |                   |  |                   |   |                   |  |                       |  |  |  |
| <b>Section A:</b>  |   |  |   |  |  |  |   |  |                                       |                                    |         |  |                   |                      |  |  |                   |  |                   |   |                   |  |                       |  |  |  |
| <b>Question 1</b>  | • Short questions, objective questions e.g. MCQ, terminology, columns/statements and items (50 marks)   |  |   |  |  |  |   |  |                                       |                                    |         |  |                   |                      |  |  |                   |  |                   |   |                   |  |                       |  |  |  |
| <b>Section B:</b>  |   |  |   |  |  |  |   |  |                                       |                                    |         |  |                   |                      |  |  |                   |  |                   |   |                   |  |                       |  |  |  |
| <b>Question 2 – 4</b>  | • Variety of question types.<br>• 3 questions of 50 marks divided into subsections  |  |   |  |  |  |   |  |                                       |                                    |         |  |                   |                      |  |  |                   |  |                   |   |                   |  |                       |  |  |  |
| <b>Cognitive levels: Knowledge – 40%; Comprehension and Application-40%; Analysis, Evaluation and Synthesis– 20%</b> |   |  |   |  |  |  |   |  |                                       |                                    |         |  |                   |                      |  |  |                   |  |                   |   |                   |  |                       |  |  |  |
| <b>Resources (other than textbook) to enhance learning</b>   | Past examination papers   |  |   |  |  |  |   |  |                                       |                                    |         |  |                   |                      |  |  |                   |  |                   |   |                   |  |                       |  |  |  |
| <b>SBA and PAT (Formal Assessment)</b>   | <p>Calculate SBA Marks (25%) <b>SBA: TASK 6</b> FINAL examination (50%)</p> <p>PAT Practical: At least 2 practicals should be completed based on production enterprises. Should cover all enter proses.</p> <p>PAT Write Management Test – Based on practical and management overview</p> <p>PAT Logbook: Upkeep as learners attend practical</p> <p>PAT Finalise mark calculation for all components and submission of marksheets (TASK 5) (25%)</p> |  |   |  |  |  |   |  |                                       |                                    |         |  |                   |                      |  |  |                   |  |                   |   |                   |  |                       |  |  |  |