**PACING GUIDE**

**COURSE: Horticulture 1** **GRADE(S):9-11**

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| **MONTH** | **UNIT** | **STANDARDS/SKILLS** | **ASSESSMENTS**What evidence (formative/summative) is utilized to establish that the content, standards, & skills have been mastered? | **CONTENT**Topics being covered? What do students need to know? (*nouns*) | **ACTIVITIES**w/Integration of Technology & Career Ready Practices |
| September | Hort Science |

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| 9-12.HS-LS1

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| 9-12.HS-LS1-1.6 |
| 9-12.HS-LS1-1.6.1 |
| 9-12.HS-LS1-2.4.1 |

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|  Performance |  |
| • Class Discussion |  |
| • Group Work |  |
| • Guided Practice |  |
| • Oral Respones/Question |  |
| • Quiz/Test |  |
| • Teacher Observation |  |

 | Understanding HorticulturePracticing Horticulture SafetyDetermining the Importance of the Horticulture Industry | PPT PresentationSmall group google slide presentations.Shop Safety.Hands on Activities |
| October | Hort Science |

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| 9-12.HS-LS1

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| 9-12.HS-LS1-1.6 |
| 9-12.HS-LS1-1.6.1 |
| 9-12.HS-LS1-2.4.1 |

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 | PerformanceUnit Assessment

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|  | Group Work |  |
|  | Guided Practice |  |
|  | Oral Response |  |
|  | Performance Assessment |  |
|  | Teacher Observation |  |

 | Propagating Plants by CuttingsSupplying Nutrients to Floriculture Crops | InternetVideo StreamingSmall group google slide presentationsHands on Activities |
| November | Floral Designing | VPA.1.1.12VPA.1.2.12VPA.1.2.12.A

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| VPA.1.3.12.D.3VPA.1.4.12.A.CS3 |

 | MPAPerformanceUnit Assessment

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|  | Group Work |  |
|  | Guided Practice |  |
|  | Oral Response |  |
|  | Performance Assessment |  |
|  | Teacher Observation |  |

 | Identifying Floral Design Tools and SuppliesCaring for Fresh Cut Flowers and FoliageDesigning Basic Floral Work | InternetVideo StreamingSmall group google slide presentationsHands on Activities |
| December | Floral Design | VPA.1.1.12VPA.1.2.12VPA.1.2.12.A

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| VPA.1.3.12.D.3VPA.1.4.12.A.CS3 |
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 |  PerformanceUnit Assessment

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|  | Group Work |  |
|  | Guided Practice |  |
|  | Oral Response |  |
|  | Performance Assessment |  |
|  | Teacher Observation |  |

 | Caring for Fresh Cut Flowers and FoliageDesigning Basic Floral Work

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| Understanding the Principles of Floral Design |  |

 | InternetVideo StreamingSmall group google slide presentationsHands on Activities |
| January | FFA |

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| CAEP.9.2.12.C |
| CAEP.9.2.12.C.2 |
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| CAEP.9.2.12.C.3

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| CAEP.9.2.12.C.4 |

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| CAEP.9.2.12.C |

 | PerformanceUnit Assessment

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|  | Group Work |  |
|  | Guided Practice |  |
|  | Oral Response |  |
|  | Performance Assessment |  |
|  | Teacher Observation |  |

 | Exploring the History and Organization of FFAUnderstanding FFA Officer Duties and Responsibilities | Student Compete in (CDE)PPT PresentationSmall group google slide presentationsHands on Activities |
| February | Floral Design | VPA.1.1.12VPA.1.2.12VPA.1.2.12.A

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| VPA.1.3.12.D.3VPA.1.4.12.A.CS3 |

 | MPAPerformanceUnit Assessment

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|  | Group Work |  |
|  | Guided Practice |  |
|  | Oral Response |  |
|  | Performance Assessment |  |
|  | Teacher Observation |  |

 | Designing CenterpiecesSelling Floral Orders | PPT PresentationSmall group google slide presentationsHands on Activities |
| March | FFA |

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| CAEP.9.2.12.C.2 |
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| CAEP.9.2.12.C.3

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| CAEP.9.2.12.C.4 |

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 | PerformanceUnit Assessment

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|  | Group Work |  |
|  | Guided Practice |  |
|  | Oral Response |  |
|  | Performance Assessment |  |
|  | Teacher Observation |  |

 |  Determining the Benefits of an SAEStudents choose their SAE | Student Prep (CDE)PPT PresentationSmall group google slide presentationsHands on Activities |
| April | Hort Science |

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| 9-12.HS-LS1 |
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| 9-12.HS-LS1-1.6 |
| 9-12.HS-LS1-1.6.1 |
| 9-12.HS-LS1-2.4.1 |

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 | MPAPerformanceUnit Assessment

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|  | Group Work |  |
|  | Guided Practice |  |
|  | Oral Response |  |
|  | Performance Assessment |  |
|  | Teacher Observation |  |

 | Identifying and Managing Plant Pests in the GreenhouseUnderstanding the Effects of Light, Temperature, Air, and Water on Plant GrowthUnderstanding Integrated Pest Management | InternetVideo StreamingSmall group google slide presentationsHands on Activities |
| May | FFA |

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 | PerformanceUnit Assessment

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|  | Group Work |  |
|  | Guided Practice |  |
|  | Oral Response |  |
|  | Performance Assessment |  |
|  | Teacher Observation |  |

 | SAE Presentations | Student Compete in (CDE)PPT PresentationSmall group google slide presentationsHands on Activities |
| June | Hort Science |

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| **9.**   21st- Century Life and Careers |
| **9.4.12.**    |
| **9.4.12.A(2** |
| **9.4.12.A(2).4.**    |

 | MPAPerformanceUnit Assessment

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|  | Group Work |  |
|  | Guided Practice |  |
|  | Oral Response |  |
|  | Performance Assessment |  |
|  | Teacher Observation |  |

 | Organic Production of Fruits and Vegetables | InternetVideo StreamingSmall group google slide presentationsHands on Activities |