

# ARD Virtual Scope and Sequence

Day	Estimated Time	Discussion Items	Required for Certification
Orientation One Week Before	TBA One Week before CI	<b>General Session:</b> <ul style="list-style-type: none"> <li><input type="checkbox"/> Host, Lead Teacher, and participant introductions</li> <li><input type="checkbox"/> Google Classroom</li> <li><input type="checkbox"/> Participant documents</li> <li><input type="checkbox"/> Scope and Sequence - logistics</li> <li><input type="checkbox"/> MyCASE curriculum access</li> <li><input type="checkbox"/> Materials lists and inventories</li> <li><input type="checkbox"/> Opening &amp; Day 1 Participant Preparation</li> </ul>	<ul style="list-style-type: none"> <li>• Activity 1.1.2 R&amp;D Notebooks</li> </ul>
Day 1	9:00 – 11:00 Synchronous	<ul style="list-style-type: none"> <li>• Lesson 1.1 Agricultural Advances</li> </ul>	<ul style="list-style-type: none"> <li>• Activity 1.1.1 Changing with the Times</li> <li>• Activity 1.1.3 The Problem-Solving Process</li> </ul>
	11:00 – 1:00 Asynchronous	<ul style="list-style-type: none"> <li>• Lunch</li> </ul>	<ul style="list-style-type: none"> <li>• Activity 1.1.1 Changing with the Times</li> <li>• Activity 1.1.3 The Problem-Solving Process</li> </ul>
	1:00 – 3:00 Synchronous	<ul style="list-style-type: none"> <li>• Activity 1.2.1 Strengths Finder</li> </ul>	<ul style="list-style-type: none"> <li>• Activity 1.1.1 Changing with the Times</li> <li>• Activity 1.1.3 The Problem-Solving Process</li> </ul>
	3:00-4:00 Asynchronous	<ul style="list-style-type: none"> <li><input type="checkbox"/> 10-Minute Break</li> <li><input type="checkbox"/> Activity 1.2.1 Strengths Finder</li> <li><input type="checkbox"/> Day 2 Participant Prep</li> </ul>	
Day 2	9:00 – 11:00 Synchronous	<ul style="list-style-type: none"> <li>• Lesson 1.2 Project Management</li> </ul>	<ul style="list-style-type: none"> <li>• Activity 1.2.1 Strengths Finder</li> <li>• Project 1.2.2 Developing Strengths</li> </ul>
	11:00 – 1:00 Asynchronous	<ul style="list-style-type: none"> <li>• Lunch</li> </ul>	<ul style="list-style-type: none"> <li>• Activity 1.2.1 Strengths Finder</li> <li>• Project 1.2.2 Developing Strengths</li> </ul>
	1:00 – 3:00 Synchronous	<ul style="list-style-type: none"> <li>• Lesson 1.2 Project Management</li> </ul>	<ul style="list-style-type: none"> <li>• Activity 1.2.3 Decision Making</li> </ul>
	3:00-4:00 Asynchronous	<ul style="list-style-type: none"> <li><input type="checkbox"/> 10-Minute Break</li> <li><input type="checkbox"/> Activity 1.2.3 Decision Making</li> <li><input type="checkbox"/> Day 3 Participant Prep</li> </ul>	

Day 3	9:00 – 11:00 Synchronous	<ul style="list-style-type: none"> <li>• Lesson 2.1 Defining the Problem</li> <li>• Activity 2.1.2 Brainstorming</li> <li>• Activity 2.1.3 Recognizing Constraints</li> </ul>	<ul style="list-style-type: none"> <li>• Problem 2.1.1 Living in a Global Society</li> </ul>
	11:00 – 1:00 Asynchronous	<ul style="list-style-type: none"> <li>• Lunch</li> <li>• Activity 2.1.2 Brainstorming</li> <li>• Activity 2.1.3 Recognizing Constraints</li> </ul>	
	1:00 – 3:00 Synchronous	<ul style="list-style-type: none"> <li>• Lesson 2.2 Proposing Solutions</li> </ul>	<ul style="list-style-type: none"> <li>• Project 2.1.4 The Problem Statement</li> </ul>
	3:00-4:00 Asynchronous	<ul style="list-style-type: none"> <li><input type="checkbox"/> 10 minute break</li> <li><input type="checkbox"/> Activity 2.2.1 Overcoming Obstacles</li> <li><input type="checkbox"/> Project 2.1.4 The Problem Statement</li> <li><input type="checkbox"/> Day 4 Participant Prep</li> </ul>	
Day 4	9:00 – 11:00 Synchronous	<ul style="list-style-type: none"> <li>• Activity 2.2.1 Overcoming Obstacles</li> <li>• Project 2.2.3 Feasibility Studies</li> </ul>	<ul style="list-style-type: none"> <li>• Activity 2.2.2 A Flurry of Solutions</li> <li>• Project 2.2.4 Solution Proposal</li> </ul>
	11:00 – 1:00 Asynchronous	<ul style="list-style-type: none"> <li>• Lunch</li> </ul>	<ul style="list-style-type: none"> <li>• Activity 2.2.2 A Flurry of Solutions</li> <li>• Project 2.2.4 Solution Proposal</li> </ul>
	1:00 – 3:00 Synchronous	<ul style="list-style-type: none"> <li>• Activity 2.2.5 Casting a Net for Information</li> <li>• Lesson 3.1 Planning Ahead</li> <li>• Activity 3.1.3 Literature Review</li> </ul>	<ul style="list-style-type: none"> <li>• Activity 3.1.1 Step-by-Step</li> <li>• Project 3.1.2 Resources</li> </ul>
	3:00-4:00 Asynchronous	<ul style="list-style-type: none"> <li><input type="checkbox"/> 10 minute break</li> <li><input type="checkbox"/> Activity 3.1.1 Step-by-Step</li> <li><input type="checkbox"/> Activity 3.1.2 Resources</li> <li><input type="checkbox"/> Day 5 Participant Prep</li> </ul>	
Day 5	9:00 – 11:00 Synchronous	<ul style="list-style-type: none"> <li>• Lesson 3.2 Data Collection</li> </ul>	<ul style="list-style-type: none"> <li>• Activity 3.2.1 Types of Data</li> <li>• Project 3.2.2 Determining Data to Collect</li> </ul>
	11:00 – 1:00 Asynchronous	<ul style="list-style-type: none"> <li>• Lunch</li> </ul>	<ul style="list-style-type: none"> <li>• Project 3.2.2 Determining Data to Collect</li> </ul>
	1:00 – 3:00 Synchronous	<ul style="list-style-type: none"> <li>• Project 3.2.3 Monitoring Progress</li> <li>• Project 3.2.4 Experimentation Time</li> </ul>	<ul style="list-style-type: none"> <li>• Project 3.2.3 Monitoring Progress</li> </ul>
	3:00-4:00 Asynchronous	<ul style="list-style-type: none"> <li><input type="checkbox"/> 10-minute break</li> <li><input type="checkbox"/> Conduct Research</li> <li><input type="checkbox"/> Day 6 Participant Prep</li> </ul>	

Day 6	9:00 – 11:00 Synchronous	<ul style="list-style-type: none"> <li>Lesson 4.1 Results and Conclusions</li> <li>Activity 4.1.1 Statistics Tutorial</li> </ul>	<ul style="list-style-type: none"> <li>Activity 4.1.2 Charting a Conclusion</li> </ul>
	11:00 – 1:00 Asynchronous	<ul style="list-style-type: none"> <li>Lunch</li> </ul>	<ul style="list-style-type: none"> <li>Activity 4.1.2 Charting a Conclusion</li> </ul>
	1:00 – 3:00 Synchronous	<ul style="list-style-type: none"> <li>Project 4.1.5 Pondering Reflections</li> </ul>	<ul style="list-style-type: none"> <li>Project 4.1.3 Analyzing Data</li> <li>Project 4.1.4 Forming Conclusions</li> </ul>
	3:00-4:00 Asynchronous	<ul style="list-style-type: none"> <li><input type="checkbox"/> 10 minute break</li> <li><input type="checkbox"/> Project 4.1.5 Pondering Reflections</li> <li><input type="checkbox"/> Day 7 Participant Prep</li> </ul>	
Day 7	9:00 – 11:00 Synchronous	<ul style="list-style-type: none"> <li>Lesson 5.1 Communicating Results</li> <li>Project 5.1.2 Putting the Pieces Together</li> </ul>	<ul style="list-style-type: none"> <li>Activity 5.1.1 Targeting an Audience</li> </ul>
	11:00 – 1:00 Asynchronous	<ul style="list-style-type: none"> <li>Lunch</li> </ul>	
	1:00 – 3:00 Synchronous	<ul style="list-style-type: none"> <li>Project 5.1.3 Another Avenue</li> </ul>	
	3:00-4:00 Asynchronous	<ul style="list-style-type: none"> <li><input type="checkbox"/> 10 minute break</li> <li><input type="checkbox"/> Day 8 Participant Prep</li> </ul>	
Day 8	9:00 – 11:00 Synchronous	<ul style="list-style-type: none"> <li>Lesson 5.2 Going Forward</li> <li>Problem 5.2.1 Making a Difference</li> </ul>	
	11:00 – 1:00 Asynchronous	<ul style="list-style-type: none"> <li>Lunch</li> </ul>	
	1:00 – 3:00 Synchronous	<ul style="list-style-type: none"> <li>Project 5.2.3 Preparing a Portfolio</li> </ul>	<ul style="list-style-type: none"> <li>Project 5.2.2 Self Evaluation</li> <li>Complete CI Survey</li> <li>Certification Celebration</li> </ul>