

AgXplore Scope and Sequence – Virtual

Day	Time	Discussion Items	Activity and Deliverables
Week 1 (Virtual)	Synchronous (2 hours)	<ul style="list-style-type: none"> • Host, Lead Teacher, and participant introductions • Curriculum access • Spiral and Scaffold (Field to Fork) • Foundations of teaching learners in middle-level education • Lesson 1 Check for Understanding/e-Moments • Lesson 2 Plants We Grow • Demo Activity 2.2 Magic Medium Mix 	<ul style="list-style-type: none"> • Activity 1.2 Plant Selection • Activity 1.5 Space CASE Challenge
	Asynchronous Homework	<ul style="list-style-type: none"> • Pre-read Lesson 3 Teacher Notes • Complete Activity 2.2 Magic Medium Mix with students and answer the discussion questions 	
Week 2 (Virtual)	Synchronous (2 hours)	<ul style="list-style-type: none"> • Review Activity 2.2 Magic Medium Mix • Lesson 3 Resources We Use • Journey 2050 	<ul style="list-style-type: none"> • Activity 3.1 Fiber to Fabrics • Activity 3.2 Agricultural Plastic • Activity 3.5 Fertilizer Selection
	Asynchronous Homework	<ul style="list-style-type: none"> • Pre-read Lesson 4–5 Teacher Notes for the following day • Watch Journey 2050 videos • Complete Activity 1.4 Sustaining Populations with students and answer the discussion questions 	
Week 3 (Virtual)	Synchronous (2 hours)	<ul style="list-style-type: none"> • Review Journey 2050 activities from asynchronous • Lesson 4 Resources We Recycle • Activity 4.2 Getting Down with Compost • Problem 4.5 Recycle and Redesign • Activity 5.1 Solar S'mores • Lesson 5 Energy We Consume 	<ul style="list-style-type: none"> • Project 4.4 You Shall Not Pass • Activity 5.4 Looking at Mash (Part One, Part Two-Carbohydrates)
	Asynchronous Homework	<ul style="list-style-type: none"> • Pre-read Lesson 6–8 Teacher Notes for the following day • Complete Activity 5.1 Solar S'mores with students and answer the discussion questions 	
Week 4 (Virtual)	Synchronous (2 hours)	<ul style="list-style-type: none"> • Lesson 6 Animals We Care For • Lesson 7 Food We Eat • Activity 7.5 Food Processing • Lesson 8 Ag in My Future • Wrap-up discussion 	<ul style="list-style-type: none"> • Activity 6.4 Halt and Hold • Activity 7.1 Bread or Cake? • LT Evaluation Survey