

**Monday, June 25**

<b>Start Time</b>	<b>Time Required</b>	<b>Plan</b>	<b>Materials Needed</b>	<b>Notes</b>
9:15 AM	0:20	Welcome Introductions- Name, School, Content/ Grade, Why You're Here		
9:35 AM	0:20	Perceptions of Agriculture -Posters w/ questions: soil, water, plants, animals, careers -Walk around and add answer -Share posters	-Stick flipchart -Markers -Sticky notes	
9:55 AM	1:30	Lesson 1- EQ: How can we feed 9 billion people by 2050? Intro PowerPoint Intro Video World Population Handout Level 1 Game	-PowerPoint 1 -Video 1 -Level 1 Handout	
11:25 AM	0:30	Food Waste PSA Introduction		
11:55 AM	1:10	LUNCH		
1:05 PM	0:15	Welcome back Reflections from morning		
1:20 PM	0:30	Food Waste PSA		
1:50 PM	0:45	Lesson 2- EQ: How does healthy soil play a role in producing food for the world? -What is soil? -Graphing Soil Ingredients	-paper -protractors -rulers -markers	
2:35 PM	0:50	Edible Soil Texture -Graphic Organizer	-chocolates -caramels -sugars -graphic organizer	
3:25 PM	0:50	Soil Texture by Feel	-laminated texture by feel flowchart -soil triangle -Playdough -Sand, silt, clay	
4:15 PM	0:15	Walk Back		
4:30 PM	0:15	Daily Wrap up		
4:45 PM		End		

**Tuesday, June 26**

<b>Start Time</b>	<b>Time Required</b>	<b>Plan</b>	<b>Materials Needed</b>	<b>Notes</b>
9:30 AM	0:20	Welcome back Recap		
9:50 AM	2:00	Lesson 3 EQ: How are nutrients depleted from the soil? PowerPoint 2 Video 2 Journey 2050 Level 2 NPK Calculations	-PowerPoint 2 -Video 2 -Clear cups -Straws -Sharpies -Fertilizer bags -NPK Calculations Handout	
11:50 AM	1:30	Simplot Grower Solutions Field Trip, Brian 208-733-4502		
1:20 PM	1:00	Lesson 4 Water EQ: How do we best use water to benefit all users? PowerPoint 3 Video 3 Journey 2050 Level 3	-Raingear -Water -Measuring utensils	
2:20 PM	1:00	Variable Rate Irrigation Engineering Challenge -Water holding capacity demo	-cups -graduated cylinders -straws -water	
3:20 PM	1:10	Farm Field Trip		
4:30 PM	0:15	Daily Wrap up		
4:45 PM		Dismiss		

**Wednesday, June 27**

<b>Start Time</b>	<b>Time Required</b>	<b>Plan</b>	<b>Materials Needed</b>	<b>Notes</b>
8:15 AM	1:15	Soil Water Holding Capacity Lab	-water bottles -drills -drill bit -screen material -graduated cylinder -water -sand, gravel, loam, potting soil -timer -graph paper	
9:30 AM	2:30	Hydroponics Challenge		
12:00 PM	1:00	Lunch, Leave for Hydroponics Tour		
1:00 PM	2:00	Tour Laura Lee Farms, Jake Lange		
3:00 PM	1:00	Drive to Twin Falls		
4:00 PM	0:30	Wrap up		
4:30 PM		Dismiss		

**Thursday, June 28**

<b>Start Time</b>	<b>Time Required</b>	<b>Plan</b>	<b>Materials Needed</b>	<b>Notes</b>
8:15 AM	1:00	Lesson 5 Economies: EQ- Why are economies important to sustainability? PowerPoint 4 Video 4 Journey 2050 Level 4		
9:15 AM	1:00	Ag Technology Field Trip- Precision Agriculture Stotz Equipment, Twin Falls, Douglas		
10:15 AM	1:00	Lesson 6 Land Use- EQ: What is arable land? PowerPoint 5 Video 5 Journey 2050 Level 5		
11:15 AM	0:45	Standards Discussion What are your standards? Where to find them? How would these activities to standards?		
12:00 PM	1:00	Lunch		
1:00 PM	1:00	Lesson 7 Careers- EQ: What careers exist in agriculture? PowerPoint 6 Journey 2050 Level 6		
2:00 PM	1:30	Drone Demonstration at CSI- Jared, Reeder Flying Service		
3:30 PM	0:30	Wrap up/ Conclusion PowerPoint 7		
4:00 PM	1:00	Strand Presentations		
5:00 PM		Dismiss		