



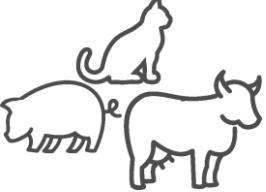



AgX Scaffolding

| System and Lesson | Field to Fork Value Chain | Sustainability | Technical Skill | STEM |
|---|---|---|--|---|
| Lesson 1 Ag History | <ul style="list-style-type: none"> • Activity 1.2 Plant Selection* • Project 1.3 Start Your Records!* • Activity 1.5 Space CASE Challenge* | <ul style="list-style-type: none"> • Activity 1.1 Hunter and Gather • Activity 1.4 Sustaining Populations | <ul style="list-style-type: none"> • Project 1.3 Start Your Records!* | |
|  Lesson 2 Plants We Grow | <ul style="list-style-type: none"> • Activity 2.2 Magic Media Mix* • Activity 2.3 Veggie Transplant* | <ul style="list-style-type: none"> • Activity 2.4 Happy Healthy Plants | <ul style="list-style-type: none"> • Activity 2.2 Magic Media Mix* • Activity 2.3 Veggie Transplant* • Project 2.5 Eye for Design | <ul style="list-style-type: none"> • Activity 2.1 Seed to Sprout • Activity 2.4 Happy Healthy Plants |
|  Lesson 3 Resources We Use | <ul style="list-style-type: none"> • Activity 3.1 Fibers to Fabrics • Activity 3.2 Agricultural Plastics | <ul style="list-style-type: none"> • Activity 3.4 Resource Availability • Activity 3.5 Fertilizer Selection* | <ul style="list-style-type: none"> • Activity 3.5 Fertilizer Selection* | <ul style="list-style-type: none"> • Activity 3.1 Fiber to Fabrics • Activity 3.3 Timber and Composite Wood |
|  Lesson 4 Resources We Recycle | <ul style="list-style-type: none"> • Activity 4.2 Getting Down with Brown* • Problem 4.5 Recycle and Redesign* | <ul style="list-style-type: none"> • Activity 4.1 Reduce, Reduce, Recycle • Activity 4.2 Getting Down with Brown* • Project 4.4 You Shall Not Pass • Activity 4.3 Fresh is Vital • Problem 4.5 Recycle and Redesign* | <ul style="list-style-type: none"> • Activity 4.2 Getting Down with Brown | <ul style="list-style-type: none"> • Project 4.4 You Shall Not Pass • Problem 4.5 Recycle and Redesign* |

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|--|--|--|--|---|
|  <p>Lesson 5 Energy We Consume</p> | <ul style="list-style-type: none"> • Activity 5.3 Exploring Ethanol • Activity 5.4 Looking at Mash | <ul style="list-style-type: none"> • Project 5.1 Solar S'mores | <ul style="list-style-type: none"> • Activity 5.2 Heating Homes | <ul style="list-style-type: none"> • Project 5.1 Solar S'mores • Activity 5.2 Heating Homes • Activity 5.4 Looking at Mash |
|  <p>Lesson 6 Animals We Care For</p> | <ul style="list-style-type: none"> • Activity 6.1 The Pollinator* | <ul style="list-style-type: none"> • Activity 6.2 Where Did You Come From | <ul style="list-style-type: none"> • Activity 6.1 The Pollinator* • Activity 6.3 Same but Different • Activity 6.4 Halt and Hold • Activity 6.5 Equip Your Pet | <ul style="list-style-type: none"> • Project 6.6 Designed for Rest |
|  <p>Lesson 7 Food We Eat</p> | <ul style="list-style-type: none"> • Activity 7.2 Squeaking Clean* • Activity 7.3 Pick a Pickle • Activity 7.4 Food Labels • Activity 7.5 Food Processing* | <ul style="list-style-type: none"> • Activity 7.3 Pick a Pickle | <ul style="list-style-type: none"> • Activity 7.2 Squeaking Clean • Activity 7.3 Pick a Pickle • Activity 7.4 Food Labels • Activity 7.5 Food Processing | <ul style="list-style-type: none"> • Activity 7.1 Bread or Cake? |
| <p>Lesson 8 Ag in My Future</p> | <ul style="list-style-type: none"> • Activity 8.1 And Another Thing • Activity 8.3 Field to Fork* | | <ul style="list-style-type: none"> • Activity 8.1 And Another Thing • Project 8.2 SAE and Me | |

*Denotes Activities and Projects utilizing the garden planter.