

**Arizona Grown Specialty Crop Lessons: AZ Academic Standards Alignment  
English Language Arts and Mathematics**

Lesson	Grade or Grade Span	English Language Arts	Mathematics
A is for Apple (Grades K-3)			
	Kindergarten		Counting & Cardinality- K.CC.4 Measurement & Data- K.MD.1, .3
	Grade 1		Measurement & Data- 1.MD.2, .4
	Grades K-1	Reading: Key Ideas & Details (RL) – 3	
		Speaking & Listening: Presentation of Knowledge/ Ideas- 5	
	Grades K-2	Writing: Text Types & Purposes – 2, 3	
	Grade 2	Speaking & Listening: Presentation of Knowledge/ Ideas - 4	Measurement & Data- 2.MD.1, .10
	Grade 3	Writing: Text Types & Purposes, 2, 3c	Measurement & Data- 3.MD.3
		Speaking & Listening: Presentation of Knowledge/ Ideas - 4	
Apple: Bare to Pick (Grades K-3)			
	Grades K-2	Writing: Key Ideas & Details - 2	No Alignment
	Grade 3	Writing: Key Ideas & Details – 2a, 2b	
Apple: Kinds to Products (Grades K-3)			
	Grade K	Writing: Key Ideas & Details – 2	
	Grade 1		Geometry- 1.G.3
	Grade 2		Geometry- 2.G.3
	Grade 3		Fractions- 3.NF.3
Apple: Seed to Tree (Grades K-3)			
	Grades K-2	Reading: Integration of Knowledge & Ideas - 9	No Alignment
		Writing: Production & Distribution of Writing – 4	
Buzzing Bee’s Wardrobe (Grades K-3)			
	Grades K-2	Speaking & Listening: Comprehension & Collaboration – 2	No Alignment

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Do the Honeybee Dance! (Grades K-3)	Kindergarten		Measurement & Data- K.MD.1, .2
	Grade 1		Measurement & Data- 1.MD.1
	Grade 2		Measurement & Data- 2.MD.1, .4
From Mashed to Riches (Grades K-3)	Kindergarten		Geometry- K.G.2
	Grades K-2	Writing: Production & Distribution of Writing – 4	
	Grade 3	Writing: Production & Distribution of Writing – 4	
How Busy Are Bees? (Grades K-3)	Grade K	Writing: Text Types & Purposes - 2	Counting & Cardinality- K.CC.2
	Grades K-2	Writing: Production & Distribution of Writing – 4	
		Speaking & Listening: Comprehension & Collaboration – 1	
		Presentation of Knowledge & Ideas - 4	
	Grade 3	Writing: Production & Distribution of Writing - 4	
		Speaking & Listening: Comprehension & Collaboration – 1	
Those Busy, Buzz'n Worker Bees (Grades K-3)		Presentation of Knowledge & Ideas - 4	
	Kindergarten		Measurement & Data- K.MD.3 Geometry- K.G.1, .2, .6
	Grade 1		Measurement & Data- 1.MD.4 Geometry- 1.G.2
	Grades K-2	Speaking & Listening: Comprehension/ Collaboration – 1, 2	
	Grade 3	Speaking & Listening: Comprehension & Collaboration – 1	

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To Bee or Not To Bee (Grades K-3)			
	Grades K-1	Writing: Text Types & Purposes – 2	
	Kindergarten		Geometry- K.G.1, .2
	Grade 1		Geometry- 1.G.2
	Grades K-2	Writing: Text Types & Purposes – 3	
		Production & Distribution of Writing - 4	
		Research to Build & Present Knowledge - 7	
		Speaking & Listening: Comprehension & Collaboration - 1	
		Presentation of Knowledge/ Ideas – 5, 6	
	Grade 3	Writing: Text Types & Purposes – 3	
		Production & Distribution of Writing - 4	
		Research to Build & Present Knowledge - 7	
		Speaking & Listening: Comprehension & Collaboration - 1	
Arizona!!! How the Heck Did I End Up Here??? (Grades 4-6)			
	Grade 3		Measurement & Data- 3.MD.3
	Grades 3-5	Writing: Text Types & Purposes – 2	
		Research to Build & Present Knowledge – 7	
		Speaking & Listening: Comprehension & Collaboration – 1	
	Grade 6	Writing: Text Types & Purposes – 2	
		Research to Build & Present Knowledge – 7	
		Speaking & Listening: Comprehension & Collaboration – 1	
Can You Walk on Eggs? (Grades 4-6)			
	Grades 4-5	Speaking & Listening: Comprehension & Collaboration – 1	No Alignment
	Grade 6	Speaking & Listening: Comprehension & Collaboration – 1	

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Getting to the Root of the Matter (Grades 4-6)			
	Grade 4	Writing: Research to Build & Present Knowledge - 7	No Alignment
	Grades 4-5	Writing: Text Types & Purposes – 2	
		Production & Distribution of Writing – 4	
		Speaking & Listening: Presentation of Knowledge/ Ideas – 4	
	Grade 6	Writing: Text Types & Purposes – 2	
		Production & Distribution of Writing – 4	
		Speaking & Listening: Presentation of Knowledge/ Ideas – 4	
How Do Plants Make Food? (Grades 4-6)			
	Grade 4	Writing: Research to Build & Present Knowledge - 7	No Alignment
	Grades 4-5	Writing: Text Types & Purposes – 2	
I'm Here, I'm There, I'm Everywhere- I'm Super Spud! (Grades 4-6)			
	Grade 3		Measurement & Data- 3.MD.3
	Grade 4	Writing: Production & Distribution of Writing – 4, 6	Measurement & Data- 4.MD.4
	Grade 5	Writing: Production & Distribution of Writing – 4	
	Grades 3-5	Writing: Text Types & Purposes - 2	
	Grade 6	Writing: Text Types & Purposes – 2	
		Production & Distribution of Writing – 4	

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Let's Make Stew! (Grades 4-6)			
	Grade 3		Measurement & Data- 3.MD.3
	Grade 4		Measurement & Data- 4.MD.4
	Grades 3-5	Reading: Craft & Structure (RL) - 5	
		Writing: Text Types & Purposes – 2d, 3	
		Production & Distribution of Writing – 4	
		Research to Build & Present Knowledge – 7	
		Speaking & Listening: Comprehension & Collaboration – 1	
		Reading: Craft & Structure (RL) – 6	
	Grade 6	Writing: Text Types & Purposes – 2d, 3	
		Production & Distribution of Writing – 4	
		Research to Build & Present Knowledge – 7	
		Speaking & Listening: Comprehension & Collaboration – 1	
Mmmmm, I'm Good! But Am I Good for You? (Grades 4-6)			
	Grades 3-5	Writing: Text Types & Purposes – 2	No Alignment
		Production & Distribution of Writing – 4	
		Research to Build & Present Knowledge – 7	
	Grade 6	Writing: Text Types & Purposes – 2	
		Production & Distribution of Writing – 4	
		Research to Build & Present Knowledge – 7	
Pecan Power! (Grades 4-6)			
	Grade 3		Measurement & Data- 3.MD.3
	Grades 3-5	Writing: Production & Distribution of Writing – 4	
		Speaking & Listening: Comprehension & Collaboration - 1	
	Grade 6	Writing: Production & Distribution of Writing – 4	
		Speaking & Listening: Comprehension & Collaboration - 1	

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Plant Seedling (Grades 4-6)			
	Grades 3-5	Writing: Production & Distribution of Writing – 4	No Alignment
	Grade 6	Writing: Production & Distribution of Writing – 4	
Soggy Seeds (Grades 4-6)			
	Grade 3		Measurement & Data- 3.MD.3
	Grades 3-5	Writing: Text Types & Purposes – 2b, 2d	
		Production & Distribution of Writing – 4	
	Grade 6	Writing: Text Types & Purposes – 2b, 2d	
		Production & Distribution of Writing – 4	
Survival of the Fittest (4-6)			
		No Alignment	No Alignment
The Day an Egg Solved the Mystery of the Cell (4-6)			
	Grade 3		Measurement & Data- 3.MD.3
	Grade 4		Measurement & Data- 4.MD.4
	Grade 3-5	Writing: Production & Distribution of Writing – 4	
	Grade 6	Writing: Production & Distribution of Writing – 4	
This Can't be a Plant (4-6)			
	Grade 3		Measurement & Data- 3.MD.3
	Grade 3-5	Writing: Production & Distribution of Writing – 4	
		Speaking & Listening: Presentation of Knowledge/ Ideas – 4	
	Grade 6	Writing: Production & Distribution of Writing – 4	
		Speaking & Listening: Presentation of Knowledge/ Ideas – 4	
Which Came First the Chicken or the Egg? (Grades 4-6)			
	Grades 4-5	Writing: Text Types & Purposes – 1	No Alignment
		Speaking & Listening: Comprehension & Collaboration - 1	
	Grade 6	Writing: Text Types & Purposes - 1a, 1b, 1e	
		Speaking & Listening: Comprehension & Collaboration – 1	

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Let Us Learn about Lettuce (Grades 7-9)			
	Grades 7-8	Writing: Text Types & Purposes – 2, 3 Production & Distribution of Writing – 4	No Alignment
		Speaking & Listening: Presentation of Knowledge & Ideas – 4, 5	
	Grade 9	Writing: Text Types & Purposes – 2 Production & Distribution of Writing – 4	
		Speaking & Listening: Presentation of Knowledge & Ideas – 4, 5	
What to do with Malusdomestica, Cultivated Apples? (Grades 7-9)			
	Grades 7-8	Writing: Production & Distribution of Writing - 4 Research to Build & Present Knowledge – 7	No Alignment
		Speaking & Listening: Presentation of Knowledge & Ideas – 4, 5	
	Grade 9	Writing: Production & Distribution of Writing - 4 Research to Build & Present Knowledge – 7	
		Speaking & Listening: Presentation of Knowledge & Ideas – 4, 5	
Don't Wait, Just Propagate! (Grades 10-12)			
	Grade 10-12	Writing: Text Types & Purposes – 2d	No Alignment
If it Smells Good, is Edible, and Attracts Wildlife, then it is a Practical Garden! (10-12)			
	Grades 10-12	Writing: Production & Distribution of Writing – 4	No Alignment
Plants, Plants and More Plants (Grades 10-12)			
	Grades 10-12	Writing: Production & Distribution of Writing – 4	No Alignment
Where Do They Go? (10-12)			
	Grades 10-12	Writing: Production & Distribution of Writing – 4	Geometry- G-GMD