

(Grades K-6)

Teams with Intergenerational Support: Youth Gardening and Healthy Eating (TWIGS) was published before the creation of Next Generation Science Standards. TWIGS remains a widely used curriculum that supports stakeholder efforts in supporting gardening and nutrition through educational engagement that fosters new skills, knowledge, group collaboration, and social responsibility. This curriculum aims to provide an intergenerational experience by inviting youth, teens, adults, and seniors to work together to achieve the learning objectives.

How to Use these Standards:

TWIGS was designed to be implemented as individual lessons depending on the interest of the teacher and the youth. The lessons are easily modified depending on the target audience and can be implemented in a formal classroom setting or an informal learning environment.

If a standard is marked with a filled circle (•), it indicates that at least one of the lessons listed fully fulfills the standard. This includes only lesson activities and not additional activities, which may provide further application for the standard.

If a standard is marked with an open circle (o), it means that the lessons could meet the standard with some modification to suit the grade level. Specifically, lessons that contain an open circle typically have additional activities or lesson activities that can meet the standard with minor modifications.

If a standard is marked with a **bolded** grade level (**K**), it indicates that at least one of the lessons listed fully fulfills the standard. This includes only lesson activities and not additional activities, which may provide further application for the standard.

If a standard is marked with an <u>underlined</u> grade level (K), it means that the lessons could meet the standard with some modification to suit the grade level. Specifically, lessons that contain an underline will typically have additional activities or lesson activities that can meet the standard with minor modifications.

If the entire column is marked with a dash (-), it indicates that none of the lessons in the curriculum fulfills the standard.

Last Revised: 06/2019

This material is funded through a joint agreement among the USDA/FNS, CDSS CalFresh Healthy Living Section, UC Davis and the UC Cooperative Extension (UCCE). These institutions are equal opportunity providers and employers. CalFresh Food provides assistance to low-income households and can help buy nutritious foods for better health. For information, call 1-877-847-3663.





-Gardening Lessons-

Gardening Lessons	G 1	G 2	G 3	G 4	G 5	G 6	G 7	G 8	G 9	G 10	G 11	G 12	G 13	G 14	G 15	G 16
Reading Standards for Literature																
Key Ideas and Details	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Craft and Structure	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Integration of Knowledge and Ideas	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Range of Reading and Level of Text Complexity	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Reading Standards for Informational	Text															
Key Ideas and Details	<u>K</u> , <u>1</u> , <u>2</u> , <u>3</u> , <u>4</u> , <u>5</u>	-	-	-	-	-	-	-	<u>K</u> , <u>1</u> , <u>2</u> , <u>3</u> , <u>4</u> , <u>5</u>	-	-	<u>K</u> , <u>1</u> , <u>2, 3</u> , <u>4</u> , <u>5</u>	<u>K</u> , <u>1</u> , <u>2</u> , <u>3</u> , <u>4</u> , <u>5</u>	-	<u>K</u> , <u>1</u> , <u>2, 3</u> , <u>4</u> , <u>5</u>	-
Craft and Structure	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Integration of Knowledge and Ideas	<u>K</u> , <u>1</u> , <u>2</u> , <u>3</u> , <u>4</u> , <u>5</u>	<u>K, 1,</u> <u>2</u>	-	<u>K, 1,</u> <u>2</u>	<u>K, 1,</u> <u>2</u>	<u>K, 1,</u>	-	<u>K</u> , <u>1</u> , <u>2</u>	-	-	-	-	-	-	-	-
Range of Reading and Level of Text Complexity	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Reading Standards: Foundational Ski	lls															
Print Concepts	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Phonological Awareness	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Phonics and Work Recognition	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-
Fluency	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Writing Standards																
Text Types and Purposes	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Production and Distribution of Writing	-	-	-	-	-	-	_	-	-	-	-	-	-	-	-	_





Common Core State Standards in	Englis	h Lang	uage A	rts Su	pporte	d (K-12	?)									
Gardening Lessons	G 1	G 2	G 3	G 4	G 5	G 6	G 7	G 8	G 9	G 10	G 11	G 12	G 13	G 14	G 15	G 16
Research to Build and Present Knowledge	<u>K</u> , <u>1</u> , <u>2</u>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Range of Writing	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Speaking and Listening Standards			•		•					•						
Comprehension and Collaboration	<u>K</u> , <u>1</u> , <u>2</u> , <u>3</u> , <u>4</u> , <u>5</u>	1	<u>K</u> , <u>1</u> , <u>2</u> , <u>3</u> , <u>4</u> , <u>5</u>	-	<u>K</u> , <u>1</u> , <u>2</u> , <u>3</u> , <u>4</u> , <u>5</u>	1	<u>K</u> , <u>1</u> , <u>2</u> , <u>3</u> , <u>4</u> , <u>5</u>	1	1	-	1	-	-	-	-	-
Presentation of Knowledge and Ideas	<u>K</u> , <u>1</u> , <u>2</u> , <u>3</u> , <u>4</u> , <u>5</u>	-	<u>K</u> , <u>1</u> , <u>2</u> , <u>3</u> , <u>4</u> , <u>5</u>	-	<u>K</u> , <u>1</u> , <u>2</u> , <u>3</u> , <u>4</u> , <u>5</u>	-	<u>K</u> , <u>1</u> , <u>2</u> , <u>3</u> , <u>4</u> , <u>5</u>	-	-	-	-	-	-	-	-	-
Language Standards																
Conventions of Standard English	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Knowledge of Language	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Vocabulary Acquisition and Use	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-





Common Core State Standards S											•					
Gardening Lessons	G 1	G 2	G 3	G 4	G 5	G 6	G 7	G 8	G 9	G 10	G 11	G 12	G 13	G 14	G 15	G 16
Reading Standards for Literacy in His	story/So	cial Stu	ıdies													
Key Ideas and Details	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Craft and Structure	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Integration of Knowledge and Ideas	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-
Range of Reading and Level of Text Complexity	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Reading Standards for Literacy in Sc	ience ar	d Tech	nical S	ubjects												
Key Ideas and Details	6, 7, 8, 9, 10, 11,	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Craft and Structure	6, 7, 8, 9, 10, 11,	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Integration of Knowledge and Ideas	6, <u>7</u> , <u>8,9</u> , <u>10</u> , <u>11</u> , <u>12</u>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Range of Reading and Level of Text Complexity	-	-	-	-	-	-	ı	ı	-	-	-	-	1	-	-	-
Writing Standards for Literacy in Hist	tory/Soc	ial Stuc	lies, Sc	ience, a	nd Tec	nnical S	Subjects	;								
Text Types and Purposes	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Production and Distribution of Writing	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Research to Build and Present Knowledge	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Range of Writing	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Quantities





Common Core Standards in Mather	natics ((K-12)														
Gardening Lessons	G 1	G 2	G 3	G 4	G 5	G 6	G 7	G 8	G 9	G 10	G 11	G 12	G 13	G 14	G 15	G 16
Counting and Cardinality	-	<u>K</u>	<u>K</u>	<u>K</u>	<u>K</u>	-	-	-	-	-	-	-	-	-	-	-
Operations and Algebraic Thinking	-	-	-	-	-	-	-	-	-	-	-	-	<u>K</u>	-	-	-
Number and Operations in Base Ten	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Number and Operations - Fractions	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Measurement and Data	-	<u>K</u>	-	K , <u>1</u> , <u>2</u>	K , <u>1</u> , <u>2</u>	-	-	-	<u>K</u>	-	-	-	<u>K</u>	-	-	-
Geometry	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ratios and Proportional Relationships	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
The Number System	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Statistics and Probability	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Number and Quantity	-	-	-	-	-	-	-	-	_	_	-	-	-	-	-	-





Next Generation Science	Grade						(Garde	n Act	ivity L	essor	ıs					
Standards (K-2)	Level*	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
LS1: From Molecules to	Kindergarten	0	•	•	•	•	•	0	•	0	•	•	•	0	0	0	0
Organisms: Structures and Processes	First	0											•	0			
LS2: Ecosystems: Interactions, Energy and Dynamics	Second			•	•	•	•		•		•	0	0	0			
LS3: Heredity: Inheritance and Variation of Traits	First	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LS4: Biological Evolution: Unity and Diversity	Second	0	0	•		0	0		•		•	0	•	•	•		
PS1: Matter and its Interactions	Second		•		•	•		0			•						
PS2: Motion and Stability: Forces and Interactions	Kindergarten							0									
PS3: Energy	Kindergarten	0	•	•	•	0	•										
PS4: Waves and their Applications in Technology for Information Transfer	First	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ESS1: Earth's Place in the	First	•		•			0		0			0					
Universe	Second		0				0				0						
FCCO. Forth's Custome	Kindergarten	0		0	0		0	0	•		•	0	•		0		
ESS2: Earth's Systems	Second	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ESS3: Earth and Human Activity	Kindergarten	0	0	•	•	0					0		0	0	•		
ETS1: Engineering Design (Standard encompasses all grade levels)	K-2	•		0		0		•	0		0	0					

^{*}Only grade levels to which the standards apply are listed





Next Generation Science	Grade						(Garde	n Act	ivity L	essor	าร					
Standards (3-5)	Level*	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
LS1: From Molecules to Organisms: Structures and	Third				0						0						
Processes	Fourth	0	•	0	0	0	•		•	0	0	•	•	•	•	•	0
	Fifth	•	0	0	0	0	0		•		0					0	
LS2: Ecosystems: Interactions, Energy and Dynamics	Third													0			
	Fifth	0	0	0		0			•		•			0	0	0	
LS3: Heredity: Inheritance and Variation of Traits	Third								0			0	0	0			
LS4: Biological Evolution: Unity and Diversity	Third	0	•	•	0		0		0			•	•	•	•	0	
PS1: Matter and its Interactions	Fifth		•		0	0											
PS2: Motion and Stability: Forces and Interactions	Third	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-
and interactions	Fifth	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PS3: Energy	Fourth										0						
	Fifth										0						
PS4: Waves and their Applications in Information Transfer	Fourth	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-
ESS1: Earth's Place in the Universe	Fourth		0														
Ciliverse	Fifth	-	-	-	-	-	-	-	-	-	-	-	-	ı	-	-	-
ESS2: Earth's Systems	Third	0		0													
	Fourth	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Fifth					0					0						
ESS3: Earth and Human Activity	Third			0		0											
	Fourth										0						
	Fifth			0							•	0					
ETS1: Engineering Design	Third-Fifth		0		•	•			0			0					

^{*}Only grade levels to which the standards apply are listed





Next Generation Science	Grade						(Sarde	n Acti	vity L	essor	ıs					
Standards (Middle School)	Level*	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
LS1: From Molecules to Organisms: Structures and Processes	Sixth-Eighth	•	•		•	0	0		0		•	0	0	0	0		0
LS2: Ecosystems: Interactions, Energy and Dynamics	Sixth-Eighth	0	0	•	0	0	0		0		•	•	•	•	0		
LS3: Heredity: Inheritance and Variation of Traits	Sixth-Eighth	0			0	0								0			
LS4: Biological Evolution: Unity and Diversity	Sixth-Eighth				0												
PS1: Matter and its Interactions	Sixth-Eighth		0			0					•						
PS2: Motion and Stability: Forces and Interactions	Sixth-Eighth	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-
PS3: Energy	Sixth-Eighth					0											
PS4: Waves and their Applications in Technology for Information Transfer	Sixth-Eighth	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ESS1: Earth's Place in the Universe	Sixth-Eighth		0														
ESS2: Earth's Systems	Sixth-Eighth	0	•								0						
ESS3: Earth and Human Activity	Sixth-Eighth		0								0						
ETS1: Engineering Design	Sixth-Eighth	0		•				0	0		0						

^{*}Only grade levels to which the standards apply are listed



Next Generation Science	Grade						(Sarde	n Acti	vity L	esson	S					
Standards (High School)	Level*	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
LS1: From Molecules to Organisms: Structures and Processes	Ninth-Twelfth	0	0		0				0		0						0
LS2: Ecosystems: Interactions, Energy and Dynamics	Ninth-Twelfth	0	0	•	0				0		0	0	0	0	0		
LS3: Heredity: Inheritance and Variation of Traits	Ninth-Twelfth				0												
LS4: Biological Evolution: Unity and Diversity	Ninth-Twelfth		•		0							0	0				
PS1: Matter and its Interactions	Ninth-Twelfth	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-
PS2: Motion and Stability: Forces and Interactions	Ninth-Twelfth	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1
PS3: Energy	Ninth-Twelfth	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PS4: Waves and their Applications in Technology for Information Transfer	Ninth-Twelfth	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ESS1: Earth's Place in the Universe	Ninth-Twelfth	-	-	-	-	-	-	-	-	-	ı	-	-	-	-	ı	ı
ESS2: Earth's Systems	Ninth-Twelfth		•						0		0						
ESS3: Earth and Human Activity	Ninth-Twelfth		0	0							0	0					
ETS1: Engineering Design	Ninth-Twelfth	0		0													

^{*}Only grade levels to which the standards apply are listed





-Nutrition Lessons-

Nutrition Lessons	N 1	N 2	N 3	N 4	N 5	N 6	N 7	N 8	N 9	N 10	N 11	N 12	N 13	N 14
Reading Standards for Literature														
Key Ideas and Details	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Craft and Structure	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Integration of Knowledge and Ideas	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Range of Reading and Level of Text Complexity	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Reading Standards for Informational Text														
Key Ideas and Details	<u>K</u> , <u>1</u> , <u>2</u> , <u>3</u> , <u>4</u> , <u>5</u>	-	<u>K</u> , <u>1</u> , <u>2</u> , <u>3</u> , <u>4</u> , <u>5</u>	<u>K</u> , <u>1</u> , <u>2</u> , <u>3</u> , <u>4</u> , <u>5</u>	<u>K</u> , <u>1</u> , <u>2</u> , <u>3</u> , <u>4</u> , <u>5</u>	<u>K</u> , <u>1</u> , <u>2</u> , <u>3</u> , <u>4</u> , <u>5</u>	<u>K</u> , <u>1</u> , <u>2</u> , <u>3</u> , <u>4</u> , <u>5</u>	<u>K</u> , <u>1</u> , <u>2</u> , <u>3</u> , <u>4</u> , <u>5</u>	<u>K</u> , <u>1</u> , <u>2</u> , <u>3</u> , <u>4</u> , <u>5</u>	<u>K</u> , <u>1</u> , <u>2</u> , <u>3</u> , <u>4</u> , <u>5</u>	-	<u>K</u> , <u>1</u> , <u>2</u> , <u>3</u> , <u>4</u> , <u>5</u>	<u>K</u> , <u>1</u> , <u>2</u> , <u>3</u> , <u>4</u> , <u>5</u>	<u>K</u> , <u>1</u> , <u>2</u> , <u>3</u> , <u>4</u> , <u>5</u>
Craft and Structure	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Integration of Knowledge and Ideas	<u>K</u> , <u>1</u> , <u>2</u> , <u>3</u> , <u>4</u> , <u>5</u>	<u>-</u>	<u>K</u> , <u>1</u> , <u>2</u> , <u>3</u> , <u>4</u> , <u>5</u>	<u>K</u> , <u>1</u> , <u>2</u> , <u>3</u> , <u>4</u> , <u>5</u>	<u>K</u> , <u>1</u> , <u>2</u> , <u>3</u> , <u>4</u> , <u>5</u>	<u>K</u> , <u>1</u> , <u>2</u> , <u>3</u> , <u>4</u> , <u>5</u>	<u>K</u> , <u>1</u> , <u>2</u> , <u>3</u> , <u>4</u> , <u>5</u>	<u>K</u> , <u>1</u> , <u>2</u> , <u>3</u> , <u>4</u> , <u>5</u>	<u>K</u> , <u>1</u> , <u>2</u> , <u>3</u> , <u>4</u> , <u>5</u>	<u>K</u> , <u>1</u> , <u>2</u> , <u>3</u> , <u>4</u> , <u>5</u>	-	<u>K</u> , <u>1</u> , <u>2</u> , <u>3</u> , <u>4</u> , <u>5</u>	<u>K</u> , <u>1</u> , <u>2</u> , <u>3</u> , <u>4</u> , <u>5</u>	<u>K</u> , <u>1</u> , <u>2</u> , <u>3</u> , <u>4</u> , <u>5</u>
Range of Reading and Level of Text Complexity	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Reading Standards: Foundational Skills														
Print Concepts	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Phonological Awareness	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Phonics and Work Recognition	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Fluency	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Writing Standards														
Text Types and Purposes	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Production and Distribution of Writing	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Research to Build and Present Knowledge	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Range of Writing	-	=.	-	-	-	-	-	-	-	-	-	-	-	-
Speaking and Listening Standards														
Comprehension and Collaboration	K, 1,	<u>K, 1,</u>	<u>K, 1,</u>	<u>K, 1,</u>	-	K, 1,	-	-	-	-	K, 1,	-	-	<u>K, 1,</u>





Common Core State Standards in English	n Languag	je Arts	Suppo	rted (K	-12)									
Nutrition Lessons	N 1	N 2	N 3	N 4	N 5	N 6	N 7	N 8	N 9	N 10	N 11	N 12	N 13	N 14
Presentation of Knowledge and Ideas	<u>K, 1,</u> <u>2</u>	<u>K</u> , <u>1</u> , <u>2</u>	<u>K, 1,</u>	<u>K</u> , <u>1</u> , <u>2</u>	-	<u>K</u> , <u>1</u> , <u>2</u>	-	-	-	-	<u>K, 1,</u>	-	-	<u>K</u> , <u>1</u> , <u>2</u>
Language Standards														
Conventions of Standard English	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Knowledge of Language	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Vocabulary Acquisition and Use	-	-	-	-	-	-	-	-	-	-	-	-	-	-





Common Core State Standards Supported in	Histo	ry/Soc	ial Stu	dies, S	cience,	and Te	echnic	al Sub	jects	(6-12)				
Nutrition Lessons	N 1	N 2	N 3	N 4	N 5	N 6	N 7	N 8	N 9	N 10	N 11	N 12	N 13	N 14
Reading Standards for Literacy in History/Social	Studie	S												
Key Ideas and Details	-	-	-	-		_	-	-	-	-	-	-	-	-
Craft and Structure	-	1	-	ı		-	-	-	-	-	-	-		-
Integration of Knowledge and Ideas	-	1	-	ı			-	-	-		- -	-	-	-
Range of Reading and Level of Text Complexity	-	-	-	-	_	_	-	-	-	_	_	-	-	-
eading Standards for Literacy in Science and Technical Subjects														
Key Ideas and Details	-	1	-	ı		-	-	-	-	-	-	-		-
Craft and Structure	-	-	_	-	-	-	-	-	-	-	-	-	-	-
Integration of Knowledge and Ideas	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Range of Reading and Level of Text Complexity	-	-	-	-		_	-	-	-	-	-	-	-	-
Writing Standards for Literacy in History/Social S	tudies	, Scien	ce, and	Technic	cal Subj	ects								
Text Types and Purposes	-	-	_	-	_	_	-	-	-	_	_	-	-	-
Production and Distribution of Writing	-	-	-	ı	-	-	-	-	-	-	-	-	-	-
Research to Build and Present Knowledge	-	-	_	-	-	-	-	-	-	-	-	-	-	-
Range of Writing	-	=	-	-	-	-	-	-	=	-	-	-	-	-





Common Core State Standards Supported in			_	,										
Nutrition Lessons	N 1	N 2	N 3	N 4	N 5	N 6	N 7	N 8	N 9	N 10	N 11	N 12	N 13	N 14
Counting and Cardinality	<u>K</u>	-	<u>K</u>	-	-	-	<u>K</u>	-	-	-	-	-	-	-
Operations and Algebraic Thinking	-	-	-	-	-	-	-	<u>K</u>	-	-	-	-	-	<u>K</u>
Number and Operations in Base Ten	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Number and Operations - Fractions	-	-	-	-	<u>3</u> , <u>4</u>	-	-	<u>3</u> , <u>4</u>	-	<u>3</u> , <u>4</u>	-	<u>3</u> , <u>4</u>	-	<u>3</u> , <u>4</u>
Measurement and Data	-	-	<u>K</u> , 1	<u>1</u>	4	K , <u>1</u> , <u>2</u>	K	<u>3</u> , <u>4</u>	<u>K</u> , <u>3</u>	<u>K</u> , <u>3</u> , <u>4</u>	<u>1</u>	-	-	<u>3</u> , <u>4</u>
Geometry	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ratios and Proportional Relationships	-	-	-	-	-	-	-	-	-	-			-	-
The Number System	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Statistics and Probability	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Number and Quantity	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Quantities	-	-	-	-	-	-	-	-	-	-	-	-	-	-



Next Generation Science Standards (K-2)	Grade					١	lutritio	on Activ	vity Les	sons												
	Level*	1	2	3	4	5	6	7	8	9	10	11	12	13	14							
LS1: From Molecules to Organisms: Structures and	Kindergarten	•										0										
Processes	First	•																				
LS2: Ecosystems: Interactions, Energy and Dynamics	Second	-	-	-	-	-	-	-	-	-	-	-	-	-	-							
LS3: Heredity: Inheritance and Variation of Traits	First	-	-	-	-	-	ı	-	-	-	-	-	-	-	-							
LS4: Biological Evolution: Unity and Diversity	Second				•																	
PS1: Matter and its Interactions	Second			0						0												
PS2: Motion and Stability: Forces and Interactions	Kindergarten													0								
PS3: Energy	Kindergarten	-	-	-	-	-	-	-	-	-	-	-	-	-	-							
PS4: Waves and their Applications in Technology for Information Transfer	First	-	-	-	-	-	-	-	-	-	-	-	-	-	-							
ESS1: Earth's Place in the Universe	First	-	-	-	-	-	-	-	-	-	-	-	-	-	-							
	Second	-	-	-	-	-	-	-	-	-	-	-	-	-	-							
ESS2: Earth's Systems	Kindergarten					0																
	Second	-	-	-	-	-	-	-	-	-	-	-	-	-	-							
ESS3: Earth and Human Activity	Kindergarten	0																				
ETS1: Engineering Design	K-2		0					0		0												

^{*}Only grade levels to which the standards apply are listed





Next Generation Science Standards (3-5)	Grade	Nutrition Activity Lessons														
	Level*	1	2	3	4	5	6	7	8	9	10	11	12	13	14	
LS1: From Molecules to Organisms: Structures and	Third	0														
Processes	Fourth	0	0	0										0		
	Fifth			0		0										
LS2: Ecosystems: Interactions, Energy and Dynamics	Third	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Fifth						0									
LS3: Heredity: Inheritance and Variation of Traits	Third	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
LS4: Biological Evolution: Unity and Diversity	Third	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
PS1: Matter and its Interactions	Fifth									0				0		
PS2: Motion and Stability: Forces and Interactions	Third	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
and intordotions	Fifth	-	-	ı	-	1	-	-	-	-	-	-	-	ı	-	
PS3: Energy	Fourth	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Fifth	0														
PS4: Waves and their Applications in Information Transfer	Fourth	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
ESS1: Earth's Place in the Universe	Fourth	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Offiverse	Fifth	-	-	-	-	-	-	-	-	-	-	-	-		-	
ESS2: Earth's Systems	Third	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Fourth	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Fifth	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
ESS3: Earth and Human Activity	Third	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Fourth	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Fifth	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
ETS1: Engineering Design	Third-Fifth		0											0		

^{*}Only grade levels to which the standards apply are listed



Next Generation Science Standards (Middle School)	Grade	Nutrition Activity Lessons													
	Level*	1	2	3	4	5	6	7	8	9	10	11	12	13	14
LS1: From Molecules to Organisms: Structures and Processes	Sixth-Eighth	0												0	
LS2: Ecosystems: Interactions, Energy and Dynamics	Sixth-Eighth	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LS3: Heredity: Inheritance and Variation of Traits	Sixth-Eighth	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LS4: Biological Evolution: Unity and Diversity	Sixth-Eighth	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PS1: Matter and its Interactions	Sixth-Eighth							•		•					
PS2: Motion and Stability: Forces and Interactions	Sixth-Eighth	-	-	-	-	-	-	-	-	-	-	-	-	1	-
PS3: Energy	Sixth-Eighth									0				0	
PS4: Waves and their Applications in Technology for Information Transfer	Sixth-Eighth	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ESS1: Earth's Place in the Universe	Sixth-Eighth	-	-	-	-	-	-	-	-	-	-	-	-	1	-
ESS2: Earth's Systems	Sixth-Eighth	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ESS3: Earth and Human Activity	Sixth-Eighth	-		-	-	-	-	-	-		-	-	-	-	-
ETS1: Engineering Design	Sixth-Eighth		0										0	0	

^{*}Only grade levels to which the standards apply are listed



Next Generation Science Standards (High School)	Grade					1	Nutritio	on Acti	vity Les	sons					-							
	Level*	1	2	3	4	5	6	7	8	9	10	11	12	13	14							
LS1: From Molecules to Organisms: Structures and Processes	Ninth-Twelfth	•	0					0														
LS2: Ecosystems: Interactions, Energy and Dynamics	Ninth-Twelfth		0	0																		
LS3: Heredity: Inheritance and Variation of Traits	Ninth-Twelfth	-	-	-	-	-	-	-	-	-	-	-	-	-	-							
LS4: Biological Evolution: Unity and Diversity	Ninth-Twelfth	-	-	-	-	-	-	-	-	-	-	-	-	-	-							
PS1: Matter and its Interactions	Ninth-Twelfth	-	-	-	-	-	-	-	-	-	-	-	-	-	-							
PS2: Motion and Stability: Forces and Interactions	Ninth-Twelfth	-	-	-	-	-	-	-	-	-	-	-	-	-	-							
PS3: Energy	Ninth-Twelfth	-	-	-	-	-	-	-	-	-	-	-	-	-	-							
PS4: Waves and their Applications in Technology for Information Transfer	Ninth-Twelfth	-	-	-	-	-	-	-	-	-	-	-	-	-	-							
ESS1: Earth's Place in the Universe	Ninth-Twelfth	-	-	-	-	-	-	-	-	-	-	-	-	-	-							
ESS2: Earth's Systems	Ninth-Twelfth									0												
ESS3: Earth and Human Activity	Ninth-Twelfth	-	-	-	-	-	-	-	-	-	-	-	-	-	-							
ETS1: Engineering Design	Ninth-Twelfth	•	•									0		0								

^{*}Only grade levels to which the standards apply are listed