



Prekindergarten Guidelines: Science (Aligned to 2015 Update)

	Activity 1	Activity 2	Activity 3
Prep Activities	VI.A.1	VI.A.1	VI.A.1
Noisemakers	VI.A.1	VI.A.1	VI.A.1
Fans	VI.A.1	VI.A.1 VI.A.2	VI.A.1 VI.A.2
Wrecking Balls	VI.A.1 VI.A.2	VI.A.1 VI.A.2	VI.A.1 VI.A.2
Rafts	VI.A.1	VI.A.1	VI.A.1

EIE for Kindergarten Alignment to Texas Essential Knowledge and Skills

Streamlined Science TEKS (2019)

Book Title	Prep 1	Prep 2	Lesson 1	Lesson 2	Lesson 3	Lesson 4	Lesson 5	Lesson 6	Lesson 7
Here's the Scoop	K.3A	K.3A	K.1B K.2ABCDE K.3A K.4B	K.1AB K.2ABCDE K.3A K.4B K.5A	K.1AB K.2ABCDE K.3A K.4AB K.5A	K.1AB K.2ABCDE K.3A K.4AB K.5A	K.1AB K.2ABCDE K.3A K.4AB K.5A	K.1AB K.2ABCDE K.3A K.4AB K.5A	K.1B K.2CDE K.3A K.4B K.5A
Raise the Roof	K.3A	K.3A	K.2ABCDE K.3AB K.4B K.6A	K.2ABCDE K.3A K.4AB K.5A K.6A*	K.2ABCDE K.3A K.4AB K.5A K.6A*	K.2ABCDE K.3A K.4AB K.5A K.6A*	K.2ABCDE K.3A K.4AB K.5A K.6A*	K.2ABCDE K.3A K.4AB K.5A K.6A*	K.2CDE K.3A K.4B K.5A K.6A*

* In this unit, light and thermal energy are addressed, but sound energy is not included.

A Long Way Down: Designing Parachutes*

	Tech in the Bag	Lesson 1	Lesson 2	Lesson 3	Lesson 4
Grade 1	1.2ABCDE 1.3A 1.5A	1.2ABCDE 1.3AC 1.6C 1.8BD	1.2ABCDE 1.3AC	1.2AB*CDE 1.3AC 1.4A 1.5A	1.2AB*CDE 1.3AC 1.4A 1.5A
Grade 2	2.2ABCDE 2.3A 2.5A	2.2ABCDE 2.3AC 2.8C	2.2ABCDE 2.3AC	2.2AB*CDE 2.3AC 2.4A 2.5A	2.2AB*CDE 2.3AC 2.4A 2.5A
Grade 3	3.2ABF 3.5A	3.2ABF 3.3C 3.6BC	3.2ABF 3.3C 3.8D	3.2A*BCDF 3.3BC 3.4A 3.5A 3.6BC	3.2A*BCDF 3.3BC 3.4A 3.5A 3.6BC
Grade 4	4.2ABF 4.5A	4.2ABF 4.3C 4.6D 4.8C	4.2ABF 4.3C	4.2A*BCDF 4.3BC 4.4A 4.5A 4.6D	4.2A*BCDF 4.3BC 4.4A 4.5A 4.6D
Grade 5	5.2BCF 5.5A	5.2ABCF 5.3C 5.6D	5.2ABCF 5.3C	5.2ABCDG 5.3BC 5.4A 5.5A 5.6D	5.2ABCDG 5.3BC 5.4A 5.5A 5.6D

***Please note that the TEKS introduce variables in Grade 5. Grades K-4 have descriptive investigations, which do not include variables.**

Water, Water Everywhere: Designing Water Filters

	Tech in the Bag	Lesson 1	Lesson 2	Lesson 3	Lesson 4
Grade 1	1.2ABCDE 1.3A 1.5A	1.2ADE 1.3AC 1.7B 1.9B	1.2ADE 1.3AC 1.7C 1.9B	1.2ADE 1.3AC	1.2ADE 1.3AC
Grade 2	2.2ABCDEF 2.3A 2.5A	2.2ADE 2.3AC 2.5A 2.7B 2.9A	2.2ADE 2.3AC 2.9A	2.2ADE 2.3AC 2.5CD	2.2ADE 2.3AC 2.5CD
Grade 3	3.2ABF 3.5A	3.2ACF 3.3C 3.5BC 3.7C 3.9AC	3.2ACF 3.3C 3.7C 3.9AC	3.2ABCDF 3.3C 3.5D	3.2ABCDF 3.3C 3.5D
Grade 4	4.2ABF 4.5A	4.2ACF 4.3C 4.5A 4.7C 4.8B	4.2ACF 4.3C 4.5A 4.7C	4.2ABCDF 4.3BC 4.5B	4.2ABCDF 4.3BC 4.5B
Grade 5	5.2BCF 5.5A	5.2BG 5.3C 5.5A 5.8B 5.9AC	5.2BG 5.3C 5.5A 5.9AC	5.2ABCDFG 5.3BC 5.5BC	5.2ABCDFG 5.3BC 5.5BC

A Stick in the Mud: Evaluating a Landscape

	Tech in the Bag	Lesson 1	Lesson 2	Lesson 3	Lesson 4
Grade 1	1.2ABCDE 1.3A 1.5A	1.2ABCE 1.3AC 1.7BC	1.2ABCE 1.3AC	1.2ABCDE 1.3AC 1.4A	1.2ABCDE 1.3AC 1.4A
Grade 2	2.2ABCDE 2.3A 2.5A	2.2ABCE 2.3AC	2.2ABCDE 2.3AC	2.2ABCDE 2.3AC 2.4A	2.2ABCDE 2.3AC 2.4A
Grade 3	3.2ABF 3.5A	3.2ABF 3.3C	3.2ABCDEF 3.3BC 3.7B	3.2ABCDF 3.3BC 3.4A	3.2ABCDF 3.3BC 3.4A
Grade 4	4.2ABF 4.5A	4.2ABF 4.3C 4.7B	4.2ABCDEF 4.3BC 4.7A	4.2ABCDF 4.3BC 4.4A 4.7B	4.2ABCDF 4.3BC 4.4A 4.7AB
Grade 5	5.2BCF 5.5A	5.2ABCDF 5.3C	5.2ABDCEFG 5.3BC	5.2ABCDFG 5.3BC 5.4A	5.2ABCDFG 5.3BC 5.4A

A Sticky Situation: Designing Walls

	Tech in the Bag	Lesson 1	Lesson 2	Lesson 3	Lesson 4
Grade 1	1.2ABCDE 1.3A 1.5A	1.2ABCE 1.3AC 1.5AC 1.7C	1.2ABCE 1.3AC 1.5AC	1.2ABCE 1.3AC 1.4 A 1.5AC 1.7AC	1.2ABCE 1.3AC 1.4 A 1.5AC 1.7AC
Grade 2	2.2ABCDE 2.3A 2.5A	2.2ABCE 2.3AC 2.5AD	2.2ABCDE 2.3AC 2.5A	2.2ABCE 2.3AC 2.4A 2.5AD	2.2ABCE 2.3AC 2.4A 2.5AD
Grade 3	3.2ABF 3.5A	3.2ABF 3.3C 3.5AD 3.7C	3.2ABCF 3.3C 3.5A 3.7C	3.2ABF 3.3C 3.4A 3.5AD 3.7BC	3.2ABF 3.3C 3.4A 3.5AD 3.7C
Grade 4	4.2ABF 4.5A	4.2ABF 4.3C 4.5AB 4.7AC	4.2ABCF 4.3C 4.5A	4.2ABF 4.3C 4.4A 4.5AB 4.7AC	4.2ABF 4.3C 4.4A 4.5AB 4.7AC
Grade 5	5.2BCF 5.5A	5.2BCDF 5.3C 5.5AC	5.2BDCFG 5.3C 5.5A	5.2ABCF 5.3C 5.4A 5.5AC	5.2ABCF 5.3C 5.4A 5.5AC

**Solid as a Rock: Replicating an Artifact***

	Tech in the Bag	Lesson 1	Lesson 2	Lesson 3	Lesson 4
Grade 1	1.2ABCDE 1.3A 1.5A	1.2ABCE 1.3AC 1.7C	1.2ABCE 1.3AC 1.4A 1.5AC	1.1A 1.2ABCE 1.3AC 1.4A 1.5AC	1.1A 1.2ABCE 1.3AC 1.4A 1.5AC
Grade 2	2.2ABCDE 2.3A 2.5A	2. ABCE 2.3AC	2. ABCE 2.3AC 2.4A 2.5A 2.7C	2.1A 2. ABCE 2.3AC 2.4A 2.5A 2.7C	2.1A 2. ABCE 2.3AC 2.4A 2.5A 2.7C
Grade 3	3.2ABF 3.5A	3.2ABF 3.3C 3.7C	3.2ABCDF 3.3C 3.4A 3.5A 3.7C	3.1A 3.2ABCDF 3.3BC 3.4A 3.5A 3.7C	3.1A 3.2ABCDF 3.3BC 3.4A 3.5A 3.7C
Grade 4	4.2ABF 4.5A	4.2ABF 4.3C 4.7C	4.2ABCDF 4.3C 4.4A 4.5A 4.7C	4.1A 4.2ABCDF 4.3BC 4.4A 4.5A 4.7A	4.1A 4.2ABCDF 4.3BC 4.4A 4.5A 4.7A
Grade 5	5.2BCF 5.5A	5.2BCDF 5.3C 5.7A	5.2BCDFG 5.3C 5.4A 5.5A	5.1A 5.2ABCDFG 5.3BC 5.4A 5.5A 5.7A	5.1A 5.2ABCDFG 5.3BC 5.4A 5.5A

* The rock cycle and the classification of rocks as igneous, metamorphic, and sedimentary are not included in the elementary TEKS. The Grade 5 TEKS, however, do address the formation of sedimentary rocks.

Catching the Wind: Designing Windmills

	Tech in the Bag	Lesson 1	Lesson 2	Lesson 3	Lesson 4
Grade 1	1.2ABCDE 1.3A 1.5A	1.2ABCE 1.3AC 1.4A 1.8D 1.9A	1.2ABCDE 1.3AC 1.6C	1.2ABCE 1.3AC 1.4 A 1.5AC 1.8D	1.2ABCE 1.3AC 1.4 A 1.5AC 1.8D
Grade 2	2.2ABCDE 2.3A 2.5A	2.2ABCE 2.3AC 2.4A 2.9A	2.2ABCDE 2.3AC 2.5D 2.6C	2.2ABCE 2.3AC 2.4A 2.5AD	2.2ABCE 2.3AC 2.4A 2.5AD
Grade 3	3.2ABF 3.5A	3.2ABF 3.3C 3.4A 3.6A 3.8A	3.2ABCDF 3.3C 3.6AB	3.2ABCDF 3.3BC 3.4A 3.5A 3.6ABC	3.2ABCDF 3.3BC 3.4A 3.5A 3.6ABC
Grade 4	4.2ABF 4.5A	4.2ABF 4.3C 4.6A 4.8A	4.2ABCDF 4.3C 4.6A	4.2ABCDF 4.3BC 4.4A 4.5A 4.6AD	4.2ABCDF 4.3BC 4.4A 4.5A 4.6AD
Grade 5	5.2BCF 5.5A	5.2BCDF 5.3C 5.6A	5.2BDCFG 5.3C 5.6A	5.2ABCDFG 5.3BC 5.4A 5.5A 5.6AD	5.2ABCDFG 5.3BC 5.4A 5.5A 5.6AD

The Best of Bugs: Designing Hand Pollinators

	Tech in the Bag	Lesson 1	Lesson 2	Lesson 3	Lesson 4
Grade 1	1.2ABCDE 1.3A 1.5A	1.2ADE 1.3AC 1.9AC 1.10ABD	1.2ADE 1.3AC 1.8C 1.9AC 1.10ABD	1.2ABCDE 1.3AC 1.5A	1.2ABCDE 1.3AC 1.5A
Grade 2	2.2ABCDEF 2.3A 2.5A	2.2ADE 2.3AC 2.9C 2.10BC	2.2ADE 2.3AC 2.8B 2.9C 2.10BC	1.2ABCDE 2.3AC 2.5A	1.2ABCDE 2.3AC 2.5A
Grade 3	3.2ABF 3.5A	3.2ABCF 3.3C 3.9AC 3.10AC	3.2ABCF 3.3BC 3.9AC 3.10AC	3.2ABCDEF 3.3BC 3.5A	3.2ABCDEF 3.3BC 3.5A
Grade 4	4.2ABF 4.5A	4.2ABCF 4.3C 4.10AC	4.2ABCF 4.3BC 4.8C 4.10AC	4.2ABCDEF 4.3BC 4.5A	4.2ABCDEF 4.3BC 4.5A
Grade 5	5.2BCF 5.5A	5.2BCDFG 5.3C 5.9AC 5.10A	5.2BCDFG 5.3BC 5.9AC 5.10A	5.2ABCDEFG 5.3BC 5.5A	5.2ABCDEFG 5.3BC 5.5A

Just Passing Through: Designing Model Membranes

	Tech in the Bag	Lesson 1	Lesson 2	Lesson 3	Lesson 4
Grade 1	1.2ABCDE 1.3A 1.5A	1.2ABCE 1.3AC 1.9AB 1.10A	1.2ABDE 1.3AC 1.10A	1.2ABCDE 1.3AC 1.5AC 1.9AB 1.10A	1.2ABCDE 1.3AC 1.5AC 1.9AB 1.10A
Grade 2	2.2ABCDE 2.3A 2.5A	2.2ABCE 2.3AC 2.9AB 2.10A	2.2ABDE 2.3AC 2.10A	2.2ABCDE 2.3AC 2.5AD 2.9AB 2.10A	2.2ABCDE 2.3AC 2.5AD 2.9AB 2.10A
Grade 3	3.2ABF 3.5A	3.2ABF 3.3BC 3.9C 3.10A	3.2ABDF 3.3BC 3.10A	3.2ABCDF 3.3BC 3.4A 3.5A 3.9AC 3.10A	3.2ABCDF 3.3BC 3.4A 3.5A 3.9AC 3.10A
Grade 4	4.2ABF 4.5A	4.2ABF 4.3C 4.10A	4.2ABDF 4.3BC 4.10A	4.2ABCDF 4.3BC 4.4A 4.5A 4.10A	4.2ABCDF 4.3BC 4.4A 4.5A 4.10A
Grade 5	5.2BCF 5.5A	5.2BCDF 5.3C 5.9AC 5.10A	5.2BDCF 5.3BC 5.10A	5.2ABCDFG 5.3BC 5.4A 5.5A 5.9AC 5.10A	5.2ABCDFG 5.3BC 5.4A 5.5A 5.9AC 5.10A

No Bones About It: Designing Knee Braces *

	Tech in the Bag	Lesson 1	Lesson 2	Lesson 3	Lesson 4
Grade 1	1.2ABCDE 1.3A 1.5A	1.3C	1.2ABCDE 1.3C	1.2ABCDE 1.3C 1.4A 1.5A	1.2ABCDE 1.3C 1.4A 1.5A
Grade 2	2.2ABCDE 2.3A 2.5A	2.3C	2.2ABCDE 2.3C	2.2ABCDE 2.3C 2.4A 2.5A	2.2ABCDE 2.3C 2.4A 2.5A
Grade 3	3.2ABF 3.5A	3.3C		3.2ABCDF 3.3BC 3.4A 3.5A	3.2ABCDF 3.3BC 3.4A 3.5A
Grade 4	4.2ABF 4.5A	4.3C	4.4ABCDF 4.3C	4.4ABCDF 4.3BC 4.4A 4.5A	4.4ABCDF 4.3BC 4.4A 4.5A
Grade 5	5.2BCF 5.5A	5.3C	5.5ABCDFG 5.3C	5.5BCDFG 5.3BC 5.4A 5.5A	5.5BCDFG 5.3BC 5.4A 5.5A

***The elementary TEKS do not include the study of the human body. This unit does, however, address some process skills aligned with the TEKS and a brief discussion of basic properties of matter.**

A Slick Solution: Cleaning an Oil Spill

	Tech in the Bag	Lesson 1	Lesson 2	Lesson 3	Lesson 4
Grade 1	1.2ABCDE 1.3A 1.5A	1.2ABCDE 1.3AC 1.9BC 1.10D	1.2ABCDE 1.3AC 1.9A	1.2ABCDE 1.3AC 1.4A 1.9ABC	1.2ABCDE 1.3AC 1.4A 1.9ABC
Grade 2	2.2ABCDE 2.3A 2.5A	2.2ABCDE 2.3AC 2.9ABC 2.10 C	2.2ABCDE 2.3AC 2.9BC	2.2ABCDE 2.3AC 2.4A 2.9ABC	2.2ABCDE 2.3AC 2.4A 2.5A
Grade 3	3.2ABF 3.5A	3.2ABEF 3.3C 3.9ABC 3.10A	3.2ABCDEF 3.3C 3.9AC	3.2ABCDF 3.3BC 3.4A 3.9ABC	3.2ABCDF 3.3BC 3.4A 3.9ABC
Grade 4	4.2ABF 4.5A	4.2ABEF 4.3C 4.9AB 4.10C	4.2ABCDEF 4.3C 4.7A	4.2ABCDF 4.3BC 4.4A 4.9AB	4.2ABCDF 4.3BC 4.4A 4.9AB
Grade 5	5.2BCF 5.5A	5.2ABCEF 5.3C 5.9ABC	5.2ABCDEF 5.3C 5.9AC	5.2ABCDFG 5.3BC 5.4A 5.9ABC	5.2ABCDFG 5.3BC 5.4A 5.9ABC

Thinking Inside the Box: Designing Plant Packages

	Tech in the Bag	Lesson 1	Lesson 2	Lesson 3	Lesson 4
Grade 1	1.2ABCDE 1.3A 1.5A	1.2ADE 1.3AC 1.9A 1.10B	1.2ADE 1.3AC 1.5A	1.2ADE 1.3AC 1.5A 1.9A 1.10B	1.2ADE 1.3AC 1.5A 1.9A 1.10B
Grade 2	2.2ABCDE 2.3A 2.5A	2.2ADE 2.3AC 2.9A 2.10B	2.2ADE 2.3AC 2.5A	2.2ADE 2.3AC 2.5A 2.9C 2.10BC	2.2ADE 2.3AC 2.5A 2.9C 2.10BC
Grade 3	3.2ABF 3.5A	3.2ABCF 3.3C 3.9A 310A	3.2ABCF 3.3C 3.5A	3.2ABCF 3.3C 3.5A 3.9AC 310A	3.2ABCF 3.3C 3.5A 3.9AC 310A
Grade 4	4.2ABF 4.5A	4.2ABCF 4.3C 4.10A	4.2ABCF 4.3C 4.5A	4.2ABCF 4.3C 4.5A 4.10A	4.2ABCF 4.3C 4.5A 4.10A
Grade 5	5.2BCF 5.5A	5.2BCDFG 5.3C 5.9A 5.10A	5.2BCDFG 5.3C 5.5A	5.2BCDFG 5.3C 5.5A 5.9AC 5.10A	5.2BCDFG 5.3C 5.5A 5.9AC 5.10A

Sounds Like Fun: Seeing Animal Sounds*

	Tech in the Bag	Lesson 1	Lesson 2	Lesson 3	Lesson 4
Grade 1	1.2ABCDE 1.3A 1.5A	1.2ABCDE 1.3AC 1.6A*	1.2ABCDE 1.3AC 1.6A*	1.2ABCDE 1.3AC 1.6A*	1.2ABCDE 1.3AC 1.6A*
Grade 2	2.2ABCDE 2.3A 2.5A	2.2ABCDE 2.3AC 2.6A*	2.2ABCDE 2.3AC 2.5D 2.6A*	2.2ABCDE 2.3AC 2.5D 2.6A*	2.2ABCDE 2.3AC 2.5D 2.6A*
Grade 3	3.2ABF 3.5A	3.2ABCF 3.3C 3.6A*	3.2ABCDF 3.3C 3.6A*	3.2ABCDF 3.3BC 3.6A*	3.2ABCDF 3.3BC 3.6A*
Grade 4	4.2ABF 4.5A	4.2ABCF 4.3C 4.6A*	4.2ABCDF 4.3C 4.6A*	4.2ABCDF 4.3BC 4.6A*	4.2ABCDF 4.3BC 4.6A*
Grade 5	5.2BCF 5.5A	5.2BCDFG 5.3C 5.6A*	5.2BDCFG 5.3C 5.6A*	5.2BDCFG 5.3BC 5.6A*	5.2BDCFG 5.3BC 5.6A*

*** Please note that only the sound energy portion of the student expectation is addressed.**

A Work in Process: Improving a Play Dough Process

	Tech in the Bag	Lesson 1	Lesson 2	Lesson 3	Lesson 4
Grade 1	1.2ABCDE 1.3A 1.5A	1.2ABCE 1.3AC 1.5AC	1.2ABCDE 1.3AC 1.5A	1.2ABCE 1.3AC 1.4 A 1.5AC	1.2ABCE 1.3AC 1.4 A 1.5AC
Grade 2	2.2ABCDE 2.3A 2.5A	2.2ABCE 2.3AC 2.5AD	2.2ABCDE 2.3AC 2.5A	2.2ABCE 2.3AC 2.4A 2.5AD	2.2ABCE 2.3AC 2.4A 2.5AD
Grade 3	3.2ABF 3.5A	3.2ABF 3.3C 3.5AD	3.2ABCDF 3.3C	3.2ABDF 3.3C 3.4A 3.5AD	3.2ABDF 3.3C 3.4A 3.5AD
Grade 4	4.2ABF 4.5A	4.2ABF 4.3C 4.5AB	4.2ABCDF 4.3C	4.2ABCDF 4.3C 4.4A 4.5AB	4.2ABCDF 4.3C 4.4A 4.5AB
Grade 5	5.2BCF 5.5A	5.2BCDF 5.3C 5.5AC	5.2BDCFG 5.3C	5.2ABCDFFG 5.3C 5.4A 5.5AC	5.2ABCDFFG 5.3C 5.4A 5.5AC

To Get to the Other Side: Designing Bridges

	Tech in the Bag	Lesson 1	Lesson 2	Lesson 3	Lesson 4
Grade 1	1.2ABCDE 1.3A 1.5A	1.2ADE 1.3AC	1.2ADE 1.3AC	1.2ADE 1.3AC	1.2ADE 1.3AC
Grade 2	2.2ABCDE 2.3A 2.5A	2.2ADE 2.3AC	2.2ADE 2.3AC 2.5D	2.2ADE 2.3AC 2.5CD	2.2ADE 2.3AC 2.5CD
Grade 3	3.2ABF 3.5A	3.2ACF 3.3C	3.2ABCF 3.3BC 3.6BC	3.2ABCDF 3.3BC 3.6C	3.2ABCDF 3.3BC 3.6C
Grade 4	4.2ABF 4.5A	4.2ACF 4.3C	4.2ABCF 4.3BC 4.6D	4.2ABCDF 4.3BC 4.6D	4.2ABCDF 4.3BC 4.6D
Grade 5	5.2BCF 5.5A	5.2BG 5.3C	5.2BCDFG 5.3BC 5.6D	5.2ABCDFG 5.3BC 5.6D	5.2ABCDFG 5.3BC 5.6D

An Alarming Idea: Designing Alarm Circuits*

	Tech in the Bag	Lesson 1	Lesson 2	Lesson 3	Lesson 4
Grade 1	1.2ABCDE 1.3A 1.5A	1.2ABCE 1.3AC 1.6A*	1.2ABCDE 1.6A*	N/A	N/A
Grade 2	2.2ABCDE 2.3A 2.5A	2.2ABCE 2.3AC 2.6A*	2.2ABCDE 2.6A*	N/A	N/A
Grade 3	3.2ABF 3.5A	3.2ABF 3.3C 3.6A*	3.3ABCDF 3.6A*	N/A	N/A
Grade 4	4.2ABF 4.5A	4.2ABF 4.3C 4.6ABC	4.2ABCDF 4.3C 4.6A	4.2ABCDF 4.3C 4.4A 4.6ABC	4.2ABCDF 4.3C 4.4A 4.6ABC
Grade 5	5.2BCF 5.5A	5.2BCDF 5.3C 5.6AB	5.2BDCFG 5.3C 5.6AB	5.2BCDFG 5.3C 5.4A 5.6AB	5.2BCDFG 5.3C 5.4A 5.6AB

***Please note that K-2 investigates only light, sound, and thermal energy. Grade 3 investigates light, mechanical, sound, and thermal energy. Electric energy is specific to Grades 4 and 5.**

Now You're Cooking: Designing Solar Ovens*

	Tech in the Bag	Lesson 1	Lesson 2	Lesson 3	Lesson 4
Grade 1	1.2ABCDE 1.3A 1.5A	1.1B 1.2ABCE 1.3AC 1.6A 1.7C	1.1B 1.2ABCE 1.3AC 1.7C	N/A	N/A
Grade 2	2.2ABCDEF 2.3A 2.5A	2.1B 2. ABCE 2.3AC 2.6A	2.1B 2. ABCE 2.3AC	N/A	N/A
Grade 3	3.2ABF 3.5A	3.1B 3.2ABF 3.3C 3.6A 3.7C	3.1B 3.2ABF 3.3C 3.7C	N/A	N/A
Grade 4	4.2ABF 4.5A	4.1B 4.2ABF 4.3C 4.6AB 4.7C	4.1B 4.2ABF 4.3C 4.7C	4.1B 4.2A*BCDF 4.3C 4.4A 4.6AB 4.7C	4.1B 4.2ABCDF 4.3C 4.4A 4.6AB 4.7C
Grade 5	5.2BCF 5.5A	5.1B 5.2BCDF 5.3C 5.5A 5.6A	5.1B 5.2BCDF 5.3C	5.1B 5.2ABCDFG 5.3C 5.5A 5.4A 5.6A	5.1B 5.2ABCDFG 5.3C 5.5A 5.4A 5.6A

*Although thermal energy is addressed in all elementary grades, only grades 4 and 5 TEKS address conductors and insulators. In addition, the use of variables in investigations is introduced in Grade 5.

Marvelous Machines: Making Work Easier*

	Tech in the Bag	Lesson 1	Lesson 2	Lesson 3	Lesson 4
Grade 1	1.2ABCDE 1.3A 1.5A	1.3C	1.3C	N/A	N/A
Grade 2	2.2ABCDE 2.3A 2.5A	2.3C	2.3C	N/A	N/A
Grade 3	3.2ABF 3.5A	3.3C	3.3C	3.2ABCDF 3.3C 3.4A 3.6BC	N/A
Grade 4	4.2ABF 4.5A	4.3C	4.3C	4.2ABCDF 4.3C 4.4A 4.6AD	N/A
Grade 5	5.2BCF 5.5A	5.3C	5.3C	5.2ABCDFG 5.3C 5.4A 5.6D	N/A

*Simple machines and the concept of work are not included in the elementary TEKS. The TEKS in grades 3-5 do, however, address investigations with force.



Taking the Plunge: Designing Submersibles*

	Tech in the Bag	Lesson 1	Lesson 2	Lesson 3	Lesson 4
Grade 1	1.2ABCDE 1.3A 1.5A	1.3AC 1.7B	1.2ABCDE 1.3AC	N/A	N/A
Grade 2	2.2ABCDE 2.3A 2.5A	2.3AC 2.7B	2.2ABCDE 2.3AC	N/A	N/A
Grade 3	3.2ABF 3.5A	3.2ABCF 3.3C 3.5A*	3.2ABCFD 3.3BC	3.2ABCFD 3.3BC 3.4A 3.5A*	3.2ABCFD 3.3BC 3.4A 3.5A*
Grade 4	4.2ABF 4.5A	4.2ABCF 4.3C 4.5A*	4.2ABCFD 4.3BC	4.2ABCFD 4.3BC 4.4A 4.5A*	4.2ABCFD 4.3BC 4.4A 4.5A*
Grade 5	5.2BCF 5.5A	5.2BCDFG 5.3C 5.5A	5.2BCDFG 5.3BC	5.2BCDFG 5.3BC 5.4A 5.5A*	5.2BCDFG 5.3BC 5.4A 5.5A*

*In the TEKS, Grades 3 and 4 address "the ability to sink or float" as a property of matter. Grade 5 introduces the concept of density. Please note that this unit does not address all properties of matter listed in TEKS 3.5A, 4.5A, and 5.5A.

Lighten Up: Designing Lighting Systems*

	Tech in the Bag	Lesson 1	Lesson 2	Lesson 3	Lesson 4
Grade 1	1.2ABCDE 1.3A 1.5A	N/A	N/A	N/A	N/A
Grade 2	2.2ABCDE 2.3A 2.5A	N/A	N/A	N/A	N/A
Grade 3	3.2ABF 3.5A	N/A	N/A	N/A	N/A
Grade 4	4.2ABF 4.5A	N/A	N/A	N/A	N/A
Grade 5	5.2BCF 5.5A	5.2BCDF 5.3C 5.6ABCD	5.2ABDCFG 5.C 5.4A 5.6ABCD	5.2ABDCFG 5.3BC 5.4A 5.6ABCD	5.2ABDCFG 5.3BC 5.4A 5.6ABCD

***Although all elementary grades address light energy, the reflection of light and the path in which it travels are specific to only Grade 5.**

The Attraction is Obvious: Designing Maglev Systems

	Tech in the Bag	Lesson 1	Lesson 2	Lesson 3	Lesson 4
Grade 1	1.2ABCDE 1.3A 1.5A	1.2ADE 1.3AC 1.6B	1.2ABCDE 1.3AC	1.2ABCDE 1.3AC 1.6B	1.2ABCDE 1.3AC 1.6B
Grade 2	2.2ABCDE 2.3A 2.5A	2.2ADE 2.3AC 2.6B	2.2ABCDE 2.3AC	1.2ABCDE 2.3AC 2.6B	1.2ABCDE 2.3AC 2.6B
Grade 3	3.2ABF 3.5A	3.2ABF 3.3C 3.5A 3.6C	3.2ABCDF 3.3BC	3.2ABCDF 3.3C 3.5A 3.6C	3.2ABCDF 3.3C 3.5A 3.6C
Grade 4	4.2ABF 4.5A	4.2ABF 4.3C 4.5A 4.6D	4.2ABCDF 4.3BC	4.2ABCDF 4.3C 4.5A 4.6D	4.2ABCDF 4.3C 4.5A 4.6D
Grade 5	5.2BCF 5.5A	5.2BCDF 5.3C 5.5A	5.2ABDCFG 5.3BC	5.2ABCDFFG 5.3C 5.5A 5.6D	5.2ABCDFFG 5.3C 5.5A 5.6D

*In the TEKS, Grades 3, 4, and 5 address magnetism as a property of matter. Please note that this unit does not address all properties of matter listed in TEKS 3.5A, 4.5A, and 5.5A.

Unit: **Designing Lighting Systems***

Streamlined Science TEKS (2019)

Grade	Tech in a Bag	Lesson 1/1A	Lesson 2	Lesson 3	Lesson 4
Grade 1	1.2ABCDE 1.3A 1.5A	N/A	N/A	N/A	N/A
Grade 2	2.2ABCDE 2.3A 2.5A	N/A	N/A	N/A	N/A
Grade 3	3.2ABF 3.5A	N/A	N/A	N/A	N/A
Grade 4	4.2ABF 4.5A	N/A	N/A	N/A	N/A
Grade 5	5.2BCF 5.5A	5.2BCDF 5.3C 5.6ABCD	5.2ABDCFG 5.3C 5.4A 5.6ABCD	5.2ABDCFG 5.3AC 5.4A 5.6AC	5.2ABDCFG 5.3AC 5.4A 5.6AC

*Although all elementary grades address light energy, the reflection of light and the path in which it travels are specific to only Grade 5.

Unit: **Designing Hand Pollinators**

Streamlined Science TEKS (2019)

Grade	Tech in a Bag	Lesson 1/1A	Lesson 2	Lesson 3	Lesson 4
Grade 1	1.2ABCDE 1.3A 1.5A	1.2ADE 1.3AC 1.9AC 1.10ABD	1.2ADE 1.3AC 1.8C 1.9AC 1.10ABD	1.2ABCDE 1.3AC 1.5A	1.2ABCDE 1.3AC 1.5A
Grade 2	2.2ABCDEF 2.3A 2.5A	2.2ADE 2.3AC 2.9C 2.10BC	2.2ADE 2.3AC 2.8B 2.9C 2.10BC	2.2ABCDE 2.3AC 2.5A	2.2ABCDE 2.3AC 2.5A
Grade 3	3.2ABF 3.5A	3.2ABCF 3.3C 3.9AC 3.10AC	3.2ABCF 3.3BC 3.9AC 3.10AC	3.2ABCDEF 3.3BC 3.5A	3.2ABCDEF 3.3BC 3.5A
Grade 4	4.2ABF 4.5A	4.2ABCF 4.3C 4.10AC	4.2ABCF 4.3BC 4.8C 4.10AC	4.2ABCDEF 4.3BC 4.5A	4.2ABCDEF 4.3BC 4.5A
Grade 5	5.2BCF 5.5A	5.2BCDFG 5.3C 5.9AC 5.10A	5.2BCDFG 5.3BC 5.9AC 5.10A	5.2ABCDEF 5.3BC 5.5A	5.2ABCDEF 5.3BC 5.5A

Unit: **Designing Maglev Systems***

Streamlined Science TEKS (2019)

Grade	Tech in a Bag	Lesson 1/1A	Lesson 2	Lesson 3	Lesson 4
Grade 1	1.2ABCDE 1.3A 1.5A	1.2ADE 1.3AC 1.6B	1.2ABCDE 1.3AC	1.2ABCDE 1.3AC 1.6B	1.2ABCDE 1.3AC 1.6B
Grade 2	2.2ABCDE 2.3A 2.5A	2.2ADE 2.3AC 2.6B	2.2ABCDE 2.3AC	1.2ABCDE 2.3AC 2.6B	1.2ABCDE 2.3AC 2.6B
Grade 3	3.2ABF 3.5A	3.2ABF 3.3C 3.5A 3.6C	3.2ABCDF 3.3BC	3.2ABCDF 3.3C 3.5A 3.6C	3.2ABCDF 3.3C 3.5A 3.6C
Grade 4	4.2ABF 4.5A	4.2ABF 4.3C 4.5A 4.6D	4.2ABCDF 4.3BC	4.2ABCDF 4.3C 4.5A 4.6D	4.2ABCDF 4.3C 4.5A 4.6D
Grade 5	5.2BCF 5.5A	5.2BCDF 5.3C 5.5A	5.2ABDCFG 5.3BC	5.2ABCDFG 5.3C 5.5A 5.6D	5.2ABCDFG 5.3C 5.5A 5.6D

*In the TEKS, Grades 3, 4, and 5 address magnetism as a property of matter. Please note that this unit does not address all properties of matter listed in TEKS 3.5A, 4.5A, and 5.5A.

Unit: **Designing Solar Ovens***

Streamlined Science TEKS (2019)

Grade	Tech in a Bag	Lesson 1/1A	Lesson 2	Lesson 3	Lesson 4
Grade 1	1.2ABCDE 1.3A 1.5A	1.1B 1.2ABCE 1.3AC 1.6A 1.7C	1.1B 1.2ABCE 1.3AC 1.7C	N/A	N/A
Grade 2	2.2ABCDEF 2.3A 2.5A	2.1B 2.ABCE 2.3AC 2.6A	2.1B 2.ABCE 2.3AC	N/A	N/A
Grade 3	3.2ABF 3.5A	3.1B 3.2ABF 3.3C 3.6A 3.7C	3.1B 3.2ABF 3.3C 3.7C	N/A	N/A
Grade 4	4.2ABF 4.5A	4.1B 4.2ABF 4.3C 4.6AB 4.7C	4.1B 4.2ABF 4.3C 4.7C	4.1B 4.2A*BCDF 4.3C 4.4A 4.6AB 4.7C	4.1B 4.2ABCDF 4.3C 4.4A 4.6AB 4.7C
Grade 5	5.2BCF 5.5A	5.1B 5.2BCDF 5.3C 5.5A 5.6A	5.1B 5.2BCDF 5.3C	5.1B 5.2ABCDFG 5.3C 5.5A 5.4A 5.6A	5.1B 5.2ABCDFG 5.3C 5.5A 5.4A 5.6A

*Although thermal energy is addressed in all elementary grades, only grades 4 and 5 TEKS address conductors and insulators. In addition, the use of variables in investigations is introduced in Grade 5.

Unit: **Cleaning an Oil Spill**

Streamlined Science TEKS (2019)

Grade	Tech in a Bag	Lesson 1/1A	Lesson 2	Lesson 3	Lesson 4
Grade 1	1.2ABCDE 1.3A 1.5A	1.2ABCDE 1.3AC 1.9BC 1.10D	1.2ABCDE 1.3AC 1.9A	1.2ABCDE 1.3AC 1.4A 1.9ABC	1.2ABCDE 1.3AC 1.4A 1.9ABC
Grade 2	2.2ABCDE 2.3A 2.5A	2.2ABCDE 2.3AC 2.9ABC 2.10 C	2.2ABCDE 2.3AC 2.9BC	2.2ABCDE 2.3AC 2.4A 2.9ABC	2.2ABCDE 2.3AC 2.4A 2.5A
Grade 3	3.2ABF 3.5A	3.2ABEF 3.3C 3.9ABC 3.10A	3.2ABCDEF 3.3C 3.9AC	3.2ABCDF 3.3BC 3.4A 3.9ABC	3.2ABCDF 3.3BC 3.4A 3.9ABC
Grade 4	4.2ABF 4.5A	4.2ABEF 4.3C 4.9AB 4.10C	4.2ABCDEF 4.3C 4.7A	4.2ABCDF 4.3BC 4.4A 4.9AB	4.2ABCDF 4.3BC 4.4A 4.9AB
Grade 5	5.2BCF 5.5A	5.2ABCEF 5.3C 5.9ABC	5.2ABCDEF 5.3C 5.9AC	5.2ABCDFG 5.3BC 5.4A 5.9ABC	5.2ABCDFG 5.3BC 5.4A 5.9ABC

A Slippery Slope: Engineering an Avalanche Protection System

Streamlined Science TEKS
(2019)

Grade 3

Prep 1	Prep 2	Lesson 1	Lesson 2	Lesson 3	Lesson 4	Lesson 5	Lesson 6
3.2ABF 3.4A	3.2A 3.3A	3.2ABDF 3.3BC 3.4A 3.7B	3.2ABDF 3.3BC 3.4A 3.6C 3.7B	3.2ABDF 3.3BC 3.4A 3.6BC	3.2ABDF 3.3BC 3.4A 3.6BC	3.2ABDF 3.3BC 3.4A 3.6BC	3.2F
4.2ABF 4.4A	4.2A 4.3A	4.2ABDF 4.3BC 4.4A 4.6D	4.2ABDF 4.3BC 4.4A 4.6D	4.2ABDF 4.3BC 4.4A 4.6D	4.2ABDF 4.3BC 4.4A 4.6D	4.2ABDF 4.3BC 4.4A 4.6D	4.2F
5.2BCF 5.4A	5.2B 5.3A	5.2BCDF 5.3BC 5.4A 5.6D	5.2BCDF 5.3BC 5.4A 5.6D	5.2BCDF 5.3BC 5.4A 5.6D	5.2BCDF 5.3BC 5.4A 5.6D	5.2BCDF 5.3BC 5.4A 5.6D	5.2F

Grade 4

Grade 5

Bubble Bonanza: Engineering Bubble Wands

Streamlined Science TEKS
(2019)

Grade 3

Prep 1	Prep 2	Lesson 1	Lesson 1A	Lesson 2	Lesson 3	Lesson 4	Lesson 5	Lesson 6
3.2ABF 3.4A	3.2A 3.3A	3.2ABCD F 3.3C	3.2ABCD F 3.3C	3.2ABCD F 3.3C	3.2ABCD F 3.3C	3.2ABCD F 3.3C	3.2ABCD F 3.3C	3.2F
4.2ABF 4.4A	4.2A 4.3A	4.2ABCD F 4.3C	4.2ABCD F 4.3C	4.2ABCD F 4.3C	4.2ABCD F 4.3C	4.2ABCD F 4.3C	4.2ABCD F 4.3C	4.2F
5.2BCF 5.4A	5.2B 5.3A	5.2BCD FG 5.3C	5.2BCD FG 5.3C	5.2BCD FG 5.3C	5.2BCD FG 5.3C	5.2BCD FG 5.3C	5.2BCD FG 5.3C	5.2F

Grade 4

Grade 5



Go Green: Engineering Recycled Racers

Streamlined Science TEKS
(2019)

Grade 3

Prep 1	Prep 2	Lesson 1	Lesson 2	Lesson 3	Lesson 4	Lesson 4A	Lesson 5	Lesson 6
3.2ABF 3.4A	3.2A 3.3A	3.1B 3.2ABCD 3.3C	3.1B 3.2ABCD 3.3C	3.1B 3.2ABCD 3.3C	3.1B 3.2ABCD 3.3C	3.1B 3.2ABCD 3.3C 3.6BC	3.1B 3.2ABCD 3.3C 3.6BC	3.2F
4.2ABF 4.4A	4.2A 4.3A	4.1B 4.2ABCD 4.4C	4.1B 4.2ABCD 4.4C	4.1B 4.2ABCD 4.4C	4.1B 4.2ABCD 4.4C	4.1B 4.2ABCD 4.4C 4.6D	4.1B 4.2ABCD 4.4C 4.6D	4.2F
5.2BCF 5.4A	5.2B 5.3A	5.1B 5.2BCDFG 5.3C	5.1B 5.2BCDFG 5.3C	5.1B 5.2BCDFG 5.3C	5.1B 5.2BCDFG 5.3C	5.1B 5.2BCDFG 5.3C 5.6D	5.1B 5.2BCDFG 5.3C 5.6D	5.2F

Grade 4

Grade 5

Hop to It: Safe Removal of Invasive Species

Streamlined Science TEKS
(2019)

Grade 3

Prep 1	Prep 2	Lesson 1	Lesson 2	Lesson 3	Lesson 4
3.2ABF 3.4A	3.2A 3.3A	3.2ABCD 3.3BC 3.9ABC	3.2ABCD 3.3BC 3.4A 3.6B	3.2ABCD 3.3B 3.4A 3.6B	3.2F
4.2ABF 4.4A	4.2A 4.3A	4.2ABCD 4.3BC 4.9B	4.2ABCD 4.3B4.4A 4.6D	4.2ABCD 4.3BC 4.4A 4.6D	4.2F
5.2BCF 5.4A	5.2B 5.3A	5.2BCDFG 5.3B 5.9AC	5.2BCDFG 5.3BC 5.4A 5.6D	5.2BCDFG 5.3BC 5.4A 5.6D	5.2F

Grade 4

Grade 5

**In Good Hands: Engineering Space Gloves**Streamlined Science
TEKS (2019)**Grade 3**

Prep 1	Prep 2	Lesson 1	Lesson 2	Lesson 3	Lesson 4	Lesson 5	Lesson 6	Lesson 7
3.2ABF 3.4A	3.2A 3.3A	3.2ABCD	3.2ABCD 3.3BC 3.4A 3.5A	3.2ABCD 3.3BC 3.4A 3.6C*	3.2ABCD 3.3BC	3.2ABCDE 3.3BC 3.4A 3.6C*	3.2ABCDE 3.3BC 3.4A 3.6C*	3.2F
4.2ABF 4.4A	4.2A 4.3A	4.2ABCD	4.2ABCD 4.3BC 4.4A 4.5A	4.2ABCD 4.3BC 4.4A 4.6D*	4.2ABCD 4.3BC	4.2ABCDE 4.3BC 4.4A 4.5A 4.6D*	4.2ABCDE 4.3BC 4.4A 4.5A 4.6D*	4.2F
5.2BCF 5.4A	5.2B 5.3A	5.2BCDF	5.2BCDF 5.3BC 5.4A 5.5A	5.2BCDF 5.3BC 5.4A 5.6D*	5.2BCDF 5.3BC	5.2BCDEF 5.3BC 5.4A 5.5A 5.6D*	5.2BCDEF 5.3BC 5.4A 5.5A 5.6D*	5.2F

Grade 4**Grade 5**

*This lesson investigates the effects of force on an object, but does not explicitly explain force or gravity. With added teacher instruction about forces, 3.6C, 4.6D. and 5.6D can be addressed.

Liftoff: Engineering Rockets and Rovers*

Streamlined Science TEKS
(2019)

Grade 3

Prep 1	Prep 2	Lesson 1	Lesson 2	Lesson 3	Lesson 4	Lesson 5	Lesson 6
3.2ABF 3.4A	3.2A 3.3A	3.2ABCDF 3.3BC 3.4A 3.5A 3.6CD 3.8D	3.2ABCDF 3.3BC 3.4A 3.5A 3.6CD 3.8D	3.2ABCDF 3.3BC 3.5A 3.8D	3.2ABCDF 3.3BC 3.4A 3.5A 3.6CD	3.2ABCDF 3.3BC 3.4A 3.5A 3.6CD	3.2F
4.2ABF 4.4A	4.2A 4.3A	4.2ABCDF 4.3BC 4.4A 4.5A 4.6D	4.2ABCDF 4.3BC 4.4A 4.5A 4.6D	4.2ABCDF 4.3BC 4.5A	4.2ABCDF 4.3BC 4.4A 4.5A 4.6D	4.2ABCDF 4.3BC 4.4A 4.5A 4.6D	4.2F
5.2BCF 5.4A	5.2B 5.3A	5.2ABCDFG 5.3BC 5.4A 5.5A 5.6D	5.2ABCDFG 5.3BC 5.4A 5.5A 5.6D	5.2ABCDFG 5.3BC 5.5A	5.2ABCDFG 5.3BC 5.4A 5.5A 5.6D	5.2ABCDFG 5.3BC 5.4A 5.5A 5.6D	5.2F

Grade 4

Grade 5

*Please note that the TEKS introduce variables in Grade 5. Grades K-4 have descriptive investigations, which do not include variables.

Light Up the Night: An Electrical Engineering Challenge

Streamlined Science TEKS
(2019)

Grade 3

Prep 1	Prep 2	Lesson 1	Lesson 2	Lesson 3	Lesson 4	Lesson 5	Lesson 6	Lesson 7
3.2ABF 3.4A	3.2A 3.3A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4.2ABF 4.4A	4.2A 4.3A	4.2ABCD 4.3C 4.4A 4.6ABC	4.2ABCD 4.3C 4.4A 4.6ABC	4.2ABCD 4.3C 4.4A 4.6ABC	4.2ABCD 4.3C 4.4A 4.6ABC	4.2ABCD 4.3C 4.4A 4.6ABC	4.2ABCD 4.3C 4.4A 4.6ABC	4.2F
5.2BCF 5.4A	5.2B 5.3A	5.2BCDFG 5.C 5.4A 5.5A 5.6AB	5.2BCDFG 5.C 5.4A 5.5A 5.6AB	5.2BCDFG 5.C 5.4A 5.5A 5.6AB	5.2BCDFG 5.C 5.4A 5.5A 5.6AB	5.2BCDFG 5.C 5.4A 5.5A 5.6AB	5.2BCDFG 5.3BC 5.4A 5.5A 5.6B	5.2F

Grade 4

Grade 5

**Music to My Ears: An Acoustical Engineering Challenge**Streamlined Science
TEKS (2019)**Grade 3**

Prep 1	Prep 2	Lesson 1	Lesson 2	Lesson 3	Lesson 4	Lesson 5	Lesson 6
3.2ABF 3.4A	3.2A 3.3A	3.2ABDF 3.3C 3.4A 3.5A 3.6A	3.2ABCD F 3.3C 3.4A 3.5A 3.6A	3.2ABCD F 3.3C 3.4A 3.5A 3.6A	3.2ABCD F 3.3C 3.4A 3.5A 3.6A	3.2ABCD F 3.3C 3.4A 3.5A 3.6A	3.2F
4.2ABF 4.4A	4.2A 4.3A	4.2ABDF 4.3C 4.4A 4.5A 4.6A	4.2ABCD F 4.3C 4.4A 4.5A 4.6A	4.2ABCD F 4.3C 4.4A 4.5A 4.6A	4.2ABCD F 4.3C 4.4A 4.5A 4.6A	4.2ABCD F 4.3C 4.4A 4.5A 4.6A	4.2F
5.2BCF 5.4A	5.2B 5.3A	5.2BCDF 5.3C 5.4A 5.5A 5.6A	5.2BCD F G 5.3C 5.4A 5.5A 5.6A	5.2BCD F G 5.3C 5.4A 5.5A 5.6A	5.2BCD F G 5.3C 5.4A 5.5A 5.6A	5.2BCD F G 5.3C 5.4A 5.5A 5.6A	5.2F

Grade 4**Grade 5**

Shake Things Up: Engineering Earthquake-Resistant Buildings

Streamlined Science TEKS
(2019)

Grade 3

Prep 1	Prep 2	Lesson 1	Lesson 2	Lesson 3	Lesson 4	Lesson 5	Lesson 6	Lesson 7
3.2ABF 3.4A	3.2A 3.3A	3.2ABCD 3.3BC 3.6BC 3.7B	3.2ABCD 3.3BC 3.6BC 3.7B	3.2ABCD 3.3BC 3.6BC 3.7B	3.2ABCD 3.3BC 3.6BC 3.7B	3.2ABCD 3.3BC 3.6BC 3.7B	3.2ABCD 3.3BC 3.6BC 3.7B	3.2F
4.2ABF 4.4A	4.2A 4.3A	4.2ABCD 4.3BC 4.6D	4.2ABCD 4.3BC 4.6D	4.2ABCD 4.3BC 4.6D	4.2ABCD 4.3BC 4.6D	4.2ABCD 4.3BC 4.6D	4.2ABCD 4.3BC 4.6D	4.2F
5.2BCF 5.4A	5.2B 5.3A	5.2BCDFG 5.3BC 5.6D	5.2BCDFG 5.3BC 5.6D	5.2BCDFG 5.3BC 5.6D	5.2BCDFG 5.3BC 5.6D	5.2BCDFG 5.3BC 5.6D	5.2BCDFG 5.3BC 5.6D	5.2F

Grade 4

Grade 5

The Sky's the Limit: Engineering Flying Technologies

Streamlined Science TEKS
(2019)

Grade 3

Prep 1	Prep 2	Lesson 1	Lesson 2	Lesson 3	Lesson 4	Lesson 5	Lesson 6
3.2ABF 3.4A	3.2A 3.3A	3.2ABCD 3.3C 3.5A 3.6BC	3.2ABCD 3.3C 3.5A 3.6BC	3.2ABCD 3.3C 3.5A 3.6BC	3.2ABCD 3.3BC 3.5A 3.6BC	3.2ABCD 3.3BC 3.5A 3.6BC	3.2F
4.2ABF 4.4A	4.2A 4.3A	4.2ABCD 4.3C 4.5A 4.6D	4.2ABCD 4.3C 4.5A 4.6D	4.2ABCD 4.3C 4.5A 4.6D	4.2ABCD 4.3BC 4.5A 4.6D	4.2ABCD 4.3BC 4.5A 4.6D	4.2F
5.2BCF 5.4A	5.2B 5.3A	5.2BCDFG 5.3C 5.5A 5.6D	5.2BCDFG 5.3C 5.5A 5.6D	5.2BCDFG 5.3C 5.5A 5.6D	5.2BCDFG 5.3BC 5.5A 5.6D	5.2BCDFG 5.3BC 5.5A 5.6D	5.2F

Grade 4

Grade 5

To the Rescue: Engineering Aid Drop Packages

Streamlined Science TEKS
(2019)

Grade 3

Prep 1	Prep 2	Lesson 1	Lesson 2	Lesson 2A	Lesson 3	Lesson 4	Lesson 5	Lesson 6
3.2ABF 3.4A	3.2A 3.3A	3.2ABCD 3.3BC 3.4A 3.6BC	3.2ABCD 3.3BC 3.4A 3.6BC	3.2AF	3.2ADF	3.2ABCD 3.3BC 3.4A 3.6BC	3.2ABCD 3.3BC 3.4A 3.6BC	3.2F
4.2ABF 4.4A	4.2A 4.3A	4.2ABCD 4.3BC 4.5A 4.6D	4.2ABCD 4.3BC 4.5A 4.6D	4.2ABCD	4.2ADF	4.2ABCD 4.3BC 4.5A 4.6D	4.2ABCD 4.3BC 4.5A 4.6D	4.2F
5.2BCF 5.4A	5.2B 5.3A	5.2BCDFG 5.3BC 5.4A 5.6D	5.2BCDFG 5.3BC 5.4A 5.6D	5.2BF	5.2BDF	5.2BCDFG 5.3BC 5.4A 5.6D	5.2BCDFG 5.3BC 5.4A 5.6D	5.2F

Grade 4

Grade 5

Don't Runoff: Engineering an Urban Landscape

	Prep 1	Prep 2	Activity 1	Activity 2	Activity 3	Activity 4	Activity 5	Activity 6
Grade 6	6.2AE 6.4A	6.2A 6.3A	6.1B 6.2ACE 6.3BD	6.1B 6.2ACE 6.3BD	6.1B 6.2ACE 6.3BD	6.1B 6.2ACE 6.3BD	6.1B 6.2ACE 6.3BD	6.1B 6.2ACE 6.3BD
Grade 7	7.2AE 7.4A	7.2A 7.3A	7.1B 7.2ACE 7.3BD 7.8C	7.1B 7.2ACE 7.3BD 7.8C	7.1B 7.2ACE 7.3BD 7.8C	7.1B 7.2ACE 7.3BD 7.8C	7.1B 7.2ACE 7.3BD 7.8C	7.1B 7.2ACE 7.3BD 7.8C
Grade 8	8.2AE 8.4A	8.2A 8.3A	8.1B 8.2ACE 8.3BD	8.1B 8.2ACE 8.3BD	8.1B 8.2ACE 8.3BD	8.1B 8.2ACE 8.3BD	8.1B 8.2ACE 8.3BD	8.1B 8.2ACE 8.3BD

*Please note that the TEKS require SI measurements (metric) for 6.2C, 7.2C, and 8.2C.

Food for Thought: Engineering Ice Cream*
Grade 6

Prep 1	Prep 2	Activity 1	Activity 2	Activity 3	Activity 4	Activity 5	Activity 6
6.2A 6.3BD	6.2AE	6.2ACE 6.3BD	6.1A 6.2ACE	6.1A 6.2ACE	6.2ACE 6.3D	6.2ACE 6.3D	6.2E 6.3D

Grade 7

7.2A 7.3BD	7.2AE	7.2ACE 7.3BD	7.1A 7.2ACE	7.1A 7.2ACE	7.2ACE 7.3D	7.2ACE 7.3D	7.2E 7.3D
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Grade 8

8.2A 8.3BD	8.2AE	8.2ACE 8.3BD	8.1A 8.2ACE	8.1A 8.2ACE	8.2ACE 8.3D	8.2ACE 8.3D	8.2E 8.3D
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*Please note that the TEKS require SI measurements (metric) for 6.2C, 7.2C, and 8.2C.

Go Fish: Engineering Prosthetic Tails*
Grade 6

Prep 1	Prep 2	Activity 1	Activity 2	Activity 3	Activity 4	Activity 5	Activity 6
6.2A 6.3BD	6.2A	6.2ACE 6.3BD	6.2ACE 6.3BD	6.2ACE 6.3BCD	6.2ACE 6.3BD	6.2ACE 6.3BD	6.2E 6.3D

Grade 7

7.2A 7.3BD	7.2A	7.2ACE 7.3BD	7.2ACE 7.3BD	7.2ACE 7.3BCD	7.2ACE 7.3BD	7.2ACE 7.3BD	7.2E 7.3D
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Grade 8

8.2A 8.3BD	8.2A	8.2ACE 8.3BD	8.2ACE 8.3BD	8.2ACE 8.3BCD	8.2ACE 8.3BD	8.2ACE 8.3BD	8.2E 8.3D
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*Please note that the TEKS require SI measurements (metric) for 6.2C, 7.2C, and 8.2C.

Growing Up: Engineering Vertical Farms*

	Prep 1	Prep 2	Activity 1	Activity 2	Activity 3	Activity 4	Activity 5	Activity 6
Grade 6	6.2A 6.3BD	6.1B 6.2AC 6.3BD	6.1B 6.2AC 6.3BD	6.1B 6.2AC 6.3BD	6.1B 6.2AC 6.3BD 6.4A	6.1B 6.2AC 6.3BD 6.4A	6.1B 6.2AC 6.3BD 6.4A	6.2E 6.3BD 6.4A
Grade 7	7.2A 7.3BD	7.1B 7.2AC 7.3BD 7.10A	7.1B 7.2AC 7.3BD 7.10A	7.1B 7.2AC 7.3BD	7.1B 7.2AC 7.3BD 7.4A	7.1B 7.2AC 7.3BD 7.4A	7.1B 7.2AC 7.3BD 7.4A	7.2E 7.3BD 7.4A
Grade 8	8.2A 8.3BD	8.1B 8.2AC 8.3BD 8.11A	8.1B 8.2AC 8.3BD 8.11A	8.1B 8.2AC 8.3BD 8.11A	8.1B 8.2AC 8.3BD 8.4A 8.11A	8.1B 8.2AC 8.3BD 8.4A 8.11A	8.1B 8.2AC 8.3BD 8.4A 8.11A	8.2E 8.3BD 8.4A

*Please note that the TEKS require SI measurements (metric) for 6.2C, 7.2C, and 8.2C.

Here Comes the Sun: Engineering Insulated Homes*
Grade 6

Prep 1	Prep 2	Activity 1	Activity 2	Activity 3	Activity 4	Activity 5	Activity 6
6.2AC 6.3B 6.9A	6.2A 6.3D	6.1B 6.2AC 6.3B 6.4A 6.9A	6.1B 6.2BC 6.3B 6.4A 6.9A	6.2A	6.1B 6.2AC 6.3B 6.4A 6.9A	6.1B 6.2AC 6.3B 6.4A 6.9A	6.2E 6.3BD

Grade 7

7.2AC 7.3B	7.2A 7.3D	7.1B 7.2AC 7.3B 7.4A	7.1B 7.2BC 7.3B 7.4A	7.2A	7.1B 7.2AC 7.3B 7.4A	7.1B 7.2AC 7.3B 7.4A	7.2E 7.3BD
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Grade 8

8.2AC 8.3B	8.2A 8.3D	8.1B 8.2AC 8.3B 8.4A	8.1B 8.2BC 8.3B 8.4A	8.2A	8.1B 8.2AC 8.3B 8.4A	8.1B 8.2AC 8.3B 8.4A	8.2E 8.3BD
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*Please note that the TEKS require SI measurements (metric) for 6.2C, 7.2C, and 8.2C.

**It's About Time: Engineering Timers*****Grade 6**

Prep 1	Prep 2	Activity 1	Activity 2	Activity 3	Activity 4	Activity 5	Activity 6
6.2A 6.3B	6.2A 6.3D	6.2A 6.4A	6.2A 6.4A	6.2A 6.4A	6.2A 6.4A	6.2A 6.4A	6.2E 6.3D

Grade 7

7.2A 7.3B	7.2A 7.3D	7.2A 7.4A	7.2A 7.4A	7.2A 7.4A	7.2A 7.4A	7.2A 7.4A	7.2E 7.3D
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Grade 8

8.2A 8.3B	8.2A 8.3D	8.2A 8.4A	8.2A 8.4A	8.2A 8.4A	8.2A 8.4A	8.2A 8.4A	8.2E 8.3D
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*Please note that the TEKS require SI measurements (metric) for 6.2C, 7.2C, and 8.2C.

It's in the Bag: Engineering Bioinspired Gear*
Grade 6

Prep 1	Prep 2	Activity 1	Activity 2	Activity 3	Activity 4	Activity 5	Activity 6
6.2A 6.3B	6.2A 6.3D	6.2AC	6.2AC	6.2AC	6.2AC	6.2AC	6.2AE 6.3D

Grade 7

7.2A 7.3B	7.2A 7.3D	7.2AC	7.2AC	7.2AC	7.2AC	7.2AC	7.2AE 7.3D
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Grade 8

8.2A 8.3B	8.2D 8.3D	8.2AC	8.2AC	8.2AC	8.2AC	8.2AC	8.2AE 8.3D
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*Please note that the TEKS require SI measurements (metric) for 6.2C, 7.2C, and 8.2C.

Outbreak Alert: Engineering a Pandemic Response*
Grade 6

Prep 1	Prep 2	Activity 1	Activity 2	Activity 3	Activity 4	Activity 5	Activity 6
6.2A 6.3B 6.4A	6.2A 6.3D	6.2AC 6.3B	6.2AC 6.3BC	6.2AC 6.3BD	6.2AC	6.2AC 6.3BD	6.2E 6.3D

Grade 7

7.2A 7.3B 7.4A	7.2A 7.3D	7.2AC 7.3B	7.2AC 7.3BC 7.13B	7.2AC 7.3BD	7.2AC	7.2AC 7.3BD	7.2E 7.3D
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Grade 8

8.2A 8.3B 8.4A	8.2A 8.3D	8.2AC 8.3B	8.2AC 8.3BC	8.2AC 8.3BD	8.2AC	8.2AC 8.3BD	8.2E 8.3D
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*Please note that the TEKS require SI measurements (metric) for 6.2C, 7.2C, and 8.2C.

Plants to Plastics: Engineering Bioplastics*
Grade 6

Prep 1	Prep 2	Activity 1	Activity 2	Activity 3	Activity 4	Activity 5	Activity 6
6.2A	6.2A	6.2AC 6.3B	6.1B 6.2AC	6.1AB 6.2AC 6.4AB	6.1A B 6.2AC 6.4AB	6.1A B 6.2AC 6.4AB	6.2E 6.3D

Grade 7

7.2A	7.2A	7.2AC 7.3B	7.1B 7.2AC	7.1AB 7.2AC 7.4AB	7.1A B 7.2AC 7.4AB	7.1A B 7.2AC 7.4AB	7.2E 7.3D
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Grade 8

8.2A	8.2A	8.2AC 8.3B	8.1B 8.2AC	8.1AB 8.2AC 8.4AB	8.1AB 8.2AC 8.4AB	8.1AB 8.2AC 8.4AB	8.2E 8.3D
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*Please note that the TEKS require SI measurements (metric) for 6.2C, 7.2C, and 8.2C.

Put a Lid on It: Engineering Safety Helmets*
Grade 6

Prep 1	Prep 2	Activity 1	Activity 2	Activity 3	Activity 4	Activity 5
6.2A	6.2A	6.2AC 6.3B	6.2AE 6.3B	6.2AC	6.2AC	6.2E 6.3D
7.2A	7.2A	7.2AC 7.3B 7.12A	7.2AE 7.3B	7.2AC	7.2AC	7.2E 7.3D
8.2A	8.2A	8.2AC 8.3B	8.2AE 8.3B	8.2AC	8.2AC	8.2E 8.3D

Grade 7
Grade 8

*Please note that the TEKS require SI measurements (metric) for 6.2C, 7.2C, and 8.2C.

Testing the Waters: Engineering a Water Reuse Process*
Grade 6

Prep 1	Prep 2	Activity 1	Activity 2	Activity 3	Activity 4	Activity 5	Activity 6
6.2A 6.3B	6.2A	6.1B 6.2AC 6.3B 6.4A	6.1B 6.2AC 6.3B 6.4A	6.1B 6.2AC 6.3B	6.1B 6.2AC 6.3B 6.4A	6.1B 6.2AC 6.3B 6.4A	6.2CE 6.3D

Grade 7

7.2A 7.3B	7.2A	7.1B 7.2AC 7.3B 7.4A	7.1B 7.2AC 7.3B 7.4A	7.1B 7.2AC 7.3B	7.1B 7.2AC 7.3B 7.4A	7.1B 7.2AC 7.3B 7.4A	7.2CE 7.3D
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Grade 8

8.2A 8.3B	8.2A	8.1B 8.2AC 8.3B 8.4A	8.1B 8.2AC 8.3B 8.4A	8.1B 8.2AC 8.3B	8.1B 8.2AC 8.3B 8.4A	8.1B 8.2AC 8.3B 8.4A	8.2CE 8.3D
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*Please note that the TEKS require SI measurements (metric) for 6.2C, 7.2C, and 8.2C.

Worlds Apart: Engineering Remote Sensing Devices*

	Prep 1	Prep 2	Activity 1	Activity 2	Activity 3	Activity 4	Activity 5	Activity 6
Grade 6	6.2A 6.3B	6.2A	6.2A 6.3D	6.2AC 6.3D 6.11C	6.2AC 6.3BCD 6.11AC	6.2AC 6.3BCD 6.11AC	6.2ACE 6.3BCD 6.11AC	6.2ACE 6.3BCD 6.11AC
Grade 7	7.2A 7.3B	7.2A	7.2A 7.3D	7.2AC 7.3D	7.2AC 7.3BCD	7.2AC 7.3BCD	7.2ACE 7.3BCD	7.2ACE 7.3BCD
Grade 8	8.2A 8.3B	8.2A	8.2A 8.3D	8.2AC 8.3D 8.8C	8.2AC 8.3BCD 8.8C	8.2AC 8.3BCD 8.8C	8.2ACE 8.3BCD 8.8C	8.2ACE 8.3BCD 8.8C

*Please note that the TEKS require SI measurements (metric) for 6.2C, 7.2C, and 8.2C.