

Suggested Units by Grade for Texas Essential Knowledge and Skills (TEKS) for Science (2021) and Technology Applications (2022)



Grade Level	Curriculum Series Suggested Units			
Kindergarten	<i>YES Elementary™</i> Engineering Sun Hats	K.1.A, K.1.B, K.1.D, K.1.E, K.1.F, K.1.G, K.2.D, K.3.C, K.6, K.8.B	<i>YES Elementary™</i> Engineering Nightlights	K.1.A, K.1. B, K.1.D, K.1.E, K.1.F, K.1.G, K.2.D, K.3.A, K.3.B, K.3.C, K.6, K.8.B, K.4.A, K.5.G, K.8.A, K.8.B
	<i>EiE® for Kindergarten</i> Here's the Scoop: Engineering Trash Collectors	K.1.A, K.1.B, K.3.A, K.3.B, K.2.A, K.2.D, K.4.A, K.5.B, K.5.D, K.5.F, K.6, K.12.B	<i>EiE® for Kindergarten</i> Sort It Out: Programming Robots	K.1, K.2, K.3, K.8.C, 6.1, 6.4.A, 6.4.B, 6.4.C
1 st Grade	<i>YES Enrichment™</i> Engineering Bandages	1.1.B, 1.1.G, 1.2.D, 1.3.A, 1.3.B, 1.5.D, 1.6.A, 1.6.C	<i>YES Enrichment™</i> Engineering Sails	1.1.B, 1.1.G, 1. 2.D, 1.3.A, 1.3.B, 1.5.D, 1.6.A, 1.7.A
	<i>Engineering is Elementary®</i> To Get to the Other Side: Designing Bridges	1.1.A, 1.1.B, 1.1.C, 1.3.A, 1.3.B, 1.5, 1.2, 1.3, 1.4, 1.5, 1.5.A, 1.5.B, 1.5.D, 1.5.E, 1.5.F, 1.5.G, 1.6.A	<i>Computer Science Essentials®</i> Programming Robots	2.1, 2.2, 2.3, 2.4, 2.9.B, 6.1, 6.4.A, 6.4.B, 6.4.C
2 nd Grade	<i>YES Elementary™</i> Engineering Pumpkin Pollinators	2.1.A, 2.1.B, 2.1.E, 2.1.F, 2.1.G, 2.2.D, 2.3.A, 2.3.B, 2.12.C	<i>Engineering is Elementary®</i> A Work in Process: Improving a Play Dough Process	4.1.A, 4.1.B, 4.3.A, 4.3.B, 4.1, 4.2, 4.3, 4.4, 4.5.A, 4.5.B, 4.5.C, 4.5.E, 4.5.G, 4.6.A
	<i>Engineering is Elementary®</i> Catching the Wind: Designing Windmills	4.1.A, 4.1.C, 4.3.A, 4.3.B, 4.5, 4.1, 4.2.A, 4.2.B, 4.2.D, 4.3, 4.4, 4.5, 4.6.B, 4.7	<i>Computer Science Essentials®</i> Creating Animations	3.1.A, 3.1.B, 3.1.C, 3.2.B, 3.3, 3.4, 3.10.A, 3.10.B, 3.10.C, 6.1, 6.2.C, 6.4.A, 6.4.B, 6.4.C
3 rd Grade	<i>YES Elementary™</i> Engineering Magnetic Dog Doors	3.1.a, 3.1.B, 3.1. C, 3.1.E, 3.1.F, 3.1.G, 3.2.D, 3.6.A. 3.7.A	<i>Engineering is Elementary®</i> A Long Way Down: Designing Parachutes	5.1.A, 5.1.C, 5.3.A, 5.3.B, 5.5, 5.1, 5.2, 5.3, 5.5.A, 5.5.B, 5.5.C, 5.5.D, 5.5.F, 5.5.G, 5.7.A, 5.8
	<i>Engineering is Elementary®</i> A Stick in the Mud: Evaluating a Landscape	5.1.A, 5.1.E, 5.3.A, 5.3.B, 5.5, 5.1, 5.2, 5.3, 5.4.A, 5.5.A, 5.5.B, 5.5.F, 5.5.G, 5.10.B, 5.10.C, 5.11.A, 5.12.C	<i>Computer Science Essentials®</i> Building Automated Systems	8.1, 8.2.B, 8.3, 8.4, 8.5.A, 8.12.E, 7.1.A, 7.1.C, 7.2.A, 7.2.C, 7.2.E, 7.4.A, 7.4.C, 7.4.D, 7.5.A, 7.5.E, 7.5.F, 7.6.B, 7.6.C, 7.6.D

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4 th Grade	<i>YES Elementary™</i> Engineering Safety Vests	4.1.A, 4.1.B, 4.1.D, 4.1.E, 4.1.G; 4.2.B, 4.2.C, 4.2.D; 4.3.A, 4.3.B, 4.3.C;	<i>YES Enrichment™</i> Engineering Rescue Shuttles	4.1.A, 4.1.B, 4.1.D, 4.1.E, 4.1.G; 4.2.B, 4.2.C, 4.2.D; 4.3.A, 4.3.B, 4.3.C; 4.5.A,
	<i>EiE® Essentials</i> Designing Solar Ovens	6.1.A, 6.1.B, 6.1.C, 6.1.D, 6.3.A, 6.3.B, 6.5, 6.1, 6.2, 6.3, 6.4.A, 6.5.A, 6.5.B, 6.5.C, 6.5.D, 6.5.F, 6.5.G, 6.6.A, 6.8.B, 6.11.A, 6.11.B	<i>Computer Science Essentials®</i> Designing Computer Games	9.1, 9.2, 9.3, 9.4, 9.9.C, 9.10.A, 7.1.A, 7.1.C, 7.2.A, 7.2.C, 7.2.E, 7.4.A, 7.4.C, 7.4.D, 7.5.A, 7.5.E, 7.5.F
5 th Grade	<i>YES Elementary™</i> Engineering Plastic Filters	5.1.A, 5.1.B, 5.1.D, 5.1.E, 5.1.G; 5.2.B, 5.2.C, 5.2.D; 5.3.A, 5.3.B, 5.3.C; 5.5.A, 5.11, 5.12.C	<i>YES Enrichment™</i> Engineering Sock Assistive Devices	5.1.A, 5.1.B, 5.1.D, 5.1.E, 5.1.G; 5.2.B, 5.2.C, 5.2.D; 5.3.A, 5.3.B, 5.3.C; 5.5.A,
	<i>Engineering Essentials®</i> Cleaning an Oil Spill	7.1.A, 7.1.C, 7.1.E, 7.3.A, 7.3.B, 7.5, 7.1, 7.2, 7.3, 7.4.A, 7.5.A, 7.5.B, 7.5.D, 7.5.G, 7.11, 7.12	<i>Computer Science Essentials®</i> Analyzing Digital Images	10.1.A, 10.1.B, 10.1.D, 10.2, 10.3, 10.5.A, 10.7, 10.9.C, 7.1.A, 7.1.C, 7.2.A, 7.2.C, 7.2.E, 7.4, 7.5.A, 7.5.E, 7.5.F