




# Suggested Units by Grade for


## Texas Essential Knowledge and Skills (TEKS) Science and Technology Applications





K	Curriculum Series		Curriculum Series	
	Suggested Units	Standards	Suggested Units	Standards
Engineering	YES Elementary™ 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	YES Elementary™ 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
	EiE® for Kindergarten 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		
Computer Science 	EiE® for Kindergarten 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 <sup>st</sup> Grade	Curriculum Series		Curriculum Series	
	Suggested Units	Standards	Suggested Units	Standards
Engineering	YES Enrichment™ 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	YES Enrichment™ 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
	Engineering is Elementary® 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		
Computer Science 	Computer Science Essentials® 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 <sup>nd</sup> Grade	Curriculum Series		Curriculum Series	
	Suggested Units	Standards	Suggested Units	Standards
Engineering	YES Elementary™ 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	Engineering is Elementary® 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
	Engineering is Elementary® A Work In Progress: 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		
Computer Science 	Computer Science Essentials® 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 <sup>rd</sup> Grade	Curriculum Series		Curriculum Series	
	Suggested Units	Standards	Suggested Units	Standards
Engineering	YES Elementary™ 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	YES Enrichment™ Engineering Upcycled Toys	3.1.A, 3.1.B, 3.1.D, 3.1.E, 3.1.G; 3.2.B, 3.2.C, 3.2.D; 3.3.A, 3.3.B, 3.3.C; 3.5.A
	Engineering is Elementary® A Long Way Down: Desinging Parachutes	3.1.A, 3.1.B, 3.1.D, 3.1.E, 3.1.G; 3.2.B, 3.2.C, 3.2.D, 3.3.A, 3.3.B, 3.3.C; 3.5.A, 3.7.A, 3.8.B		
Computer Science 	Computer Science Essentials® 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		

4 <sup>th</sup> Grade	Curriculum Series		Curriculum Series	
	Suggested Units	Standards	Suggested Units	Standards
Engineering	YES Elementary™ 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;	YES Enrichment™ Engineering Recycled Racers	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,
	EiE® Essentials Designing Solar Ovens	4.6.A, 3.8.B, 3.11.A, 3.11.B		
Computer Science 	Computer Science Essentials® 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 <sup>th</sup> Grade	Curriculum Series		Curriculum Series	
	Suggested Units	Standards	Suggested Units	Standards
Engineering	YES Elementary™ 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	YES Enrichment™ 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,
	Engineering Adventures® Liftoff: Engineering Rockets and Rovers	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, 5.7.A, 5.7.B		
Computer Science 	Computer Science Essentials® 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		

**Grades  
6–8**

<i>Curriculum Series</i>		<i>Curriculum Series</i>	
<b>Suggested Units</b>	<b>Standards</b>	<b>Suggested Units</b>	<b>Standards</b>
<i>YES Middle School™</i> Engineering Eco-Friendly Slippers	6.7.A, B 6.1.A, B, D, E, F, G 6.2.D, 6.5.A, B, 6.7.A, B 7.1.A, B, D, E, F, G 7.2.D, 7.5.A, B 8.1.A, B, D, E, F, G, 8.2.D, 8.5.A, B	<i>YES Middle School™</i> Step Counters 	6.2.A, B, 6.3.A 7.3.A 8.3.B
		<i>YES Middle School™</i> User Reviews Analysis 	6.1.E, 6.6 7.1.E, 7.6
<i>YES Middle School™</i> Engineering Landing Pads	6.1.A, B, D, E, F, G; 6.2.D, 6.5.A, B, 6.8.A, B 7.1.A, B, D, E, F, G, 7.2.D, 7.5.A, B 8.1.A, B, D, E, F, G, 8.2.D, 8.5.A, B	<i>YES Middle School™</i> Delivery Notification Systems 	6.1.E, 6.2.B 8.1.E, 8.2.A, B
		<i>YES Middle School™</i> Bounce Height Measurements 	8.9.D
<i>YES Middle School™</i> Engineering Medicine Coolers	6.1.A, B, D, E, F, G; 6.2.D 7.1.A, B, D, E, F, G, 7.2.D 8.1.A, B, D, E, F, G, 8.2.D	<i>YES Middle School™</i> Heatwave Visualizations 	6.1.B 8.1.E, 8.4.C
		<i>YES Middle School™</i> Medicine Cooler Alarms 	7.6, 7.7 8.4.C