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Grade Level	Curriculum Product Suggested Units		
Pre K	<i>Wee Engineer®</i> Designing Fans, Designing Wrecking Balls, Designing Rafts, Designing Noisemakers		
Kindergarten	<i>EiE® for Kindergarten</i> Raise the Roof: Designing Shelters 	<i>EiE® for Kindergarten</i> Here's the Scoop: Designing Trash Collectors 	<i>Engineering is Elementary®</i> Sounds Like Fun: Seeing Animal Sounds <span style="color: orange;">SC.K.P.10.1</span> 
1 <sup>st</sup> Grade	<i>Engineering Essentials®</i> Designing Lighting Systems <span style="color: orange;">SC.1.P.12.1</span> 	<i>Computer Science Essentials®</i> Programming Robots <span style="color: purple;">SC.K2.CS-CC.1.1,3,4</span> <span style="color: purple;">SC.K2.CS-CS.1.1-4</span> <span style="color: purple;">SC.K2.CS-CP.2.1-8</span> 	<i>Engineering is Elementary®</i> A Long Way Down: Designing Parachutes <span style="color: orange;">SC.1.E.5.1.</span> <span style="color: orange;">SC.1.E.5.3.</span> <span style="color: orange;">SC.1.E.5.4.</span> 
	<i>Engineering is Elementary®</i> To Get to the Other Side: Designing Bridges <span style="color: orange;">SC.1.P.13.1</span> 	<i>Engineering is Elementary®</i> A Work in Process: Improving a Play Dough Process <span style="color: orange;">SC.1.P.8.1</span> 	
2 <sup>nd</sup> Grade	<i>Engineering Essentials®</i> Designing Hand Pollinators <span style="color: blue;">SC.2.L.16.1</span> 	<i>Computer Science Essentials®</i> Creating Animations <span style="color: purple;">SC.K2.CS-CC.1.1,3,4</span> <span style="color: purple;">SC.K2.CS-CS.1.1-4</span> <span style="color: purple;">SC.K2.CS-CP.2.1-8</span> 	<i>Engineering is Elementary®</i> A Sticky Situation: Designing Walls <span style="color: green;">SC.2.E.6.3</span> 
	<i>Engineering is Elementary®</i> Catching the Wind: Designing Windmills <span style="color: orange;">SC.2.P.10.1</span> <span style="color: orange;">SC.2.P.13.1,3</span> 	<i>Engineering is Elementary®</i> Just Passing Through: Designing Model Membranes <span style="color: blue;">SC.2.L.17.1</span> <span style="color: blue;">SC.2.L.14.1</span> 	<i>Engineering is Elementary®</i> No Bones About it: Designing Knee Braces <span style="color: blue;">SC.2.L.14.1</span> 
	<i>Engineering is Elementary®</i> Marvelous Machines: Making Work Easier <span style="color: orange;">SC.2.P.13.1</span> 	<i>Engineering is Elementary®</i> Water, Water Everywhere: Designing Water Filters <span style="color: green;">SC.2.E.7.3</span> 	
3 <sup>rd</sup> Grade	<i>Computer Science Essentials®</i> Building Automated Systems <span style="color: purple;">SC.35.CS-CC.1.1-5</span> <span style="color: purple;">SC.35.CS-CS.1.1-4</span> <span style="color: purple;">SC.35.CS-CP.1.1-4</span> 	<i>Engineering is Elementary®</i> An Alarming Idea: Designing Alarm Circuits <span style="color: orange;">SC.3.P.10.1-3</span> 	<i>Engineering Adventures®</i> In Good Hands: Designing Space Gloves <span style="color: orange;">SC.3.P.10.1</span> 
	<i>Engineering is Elementary®</i> Thinking Inside the Box: Designing Plant Packages <span style="color: blue;">SC.3.L.14.1</span> <span style="color: blue;">SC.3.L.17.2</span> 	<i>Engineering Adventures®</i> Light Up the Night: An Electrical Engineering Challenge <span style="color: orange;">SC.3.P.10.1-3</span> 	
4 <sup>th</sup> Grade	<i>Engineering Essentials®</i> Designing Solar Ovens <span style="color: green;">SC.4.E.6.6</span> 	<i>Computer Science Essentials®</i> Designing Computer Games <span style="color: purple;">SC.35.CS-CC.1.1-5</span> <span style="color: purple;">SC.35.CS-CS.1.1-4</span> <span style="color: purple;">SC.35.CS-CP.1.1-4</span> 	<i>Engineering is Elementary®</i> The Attraction is Obvious: Designing a Maglev System <span style="color: orange;">SC.4.P.8.4</span> 
	<i>Engineering is Elementary®</i> Solid as a Rock: Replicating an Artifact <span style="color: green;">SC.4.E.6.1-3</span> 	<i>Engineering Adventures®</i> Music to My Ears: An Acoustical Engineering Challenge <span style="color: orange;">SC.4.P.10.3</span> 	<i>Engineering Adventures®</i> Go Green: Engineering Recycled Racers <span style="color: green;">SC.4.E.6.3</span> 
	<i>Engineering is Elementary®</i> A Stick in the Mud: Evaluating a Landscape <span style="color: green;">SC.4.E.6.4</span> 		
5 <sup>th</sup> Grade	<i>Engineering Essentials®</i> Cleaning an Oil Spill <span style="color: green;">SC.5.E.7.2</span> 	<i>Computer Science Essentials®</i> Analyzing Digital Images <span style="color: purple;">SC.35.CS-CC.1.1-5</span> <span style="color: purple;">SC.35.CS-CS.1.1-4</span> <span style="color: purple;">SC.35.CS-CP.1.1-4</span> 	<i>Engineering Adventures®</i> A Slippery Slope: Engineering an Avalanche Protection System <span style="color: green;">SC.5.E.7.7</span> 
	<i>Engineering Adventures®</i> Shake Things Up: Engineering Earthquake- Resistant Buildings <span style="color: green;">SC.5.E.7.7</span> 	<i>Engineering Adventures®</i> Hop to It: Removal of Invasive Species <span style="color: blue;">SC.5.L.14.2</span> 	<i>Engineering Adventures®</i> Sky's the Limit: Engineering Flying Technologies <span style="color: orange;">SC.5.P.13.1-4</span> 
	<i>Engineering Adventures®</i> Liftoff: Engineering Rockets and Rovers <span style="color: orange;">SC.5.P.13.1-4</span> 	<i>Engineering Adventures®</i> To the Rescue: Engineering Aid Drop Packages <span style="color: orange;">SC.5.P.13.1-4</span> 	<i>Engineering is Elementary®</i> Taking the Plunge: Designing Submersibles <span style="color: orange;">SC.5.P.13.1-4</span> 
6 <sup>th</sup> Grade	<i>Engineering Everywhere®</i> It's About Time: Engineering Timers <span style="color: orange;">SC.6.P.12.1</span> 	<i>Engineering Everywhere®</i> Put a Lid on It: Engineering Safety Helmets <span style="color: orange;">SC.6.P.13.3</span> 	<i>Engineering Everywhere®</i> Outbreak Alert: Engineering a Pandemic Response <span style="color: orange;">SC.6.L.14.6</span> 

# Suggested Units by Grade for Florida's Next Generation Sunshine State Standards

Grade Level	Curriculum Product Suggested Units		
7 <sup>th</sup> Grade	<i>Engineering Everywhere</i> ® Don't Runoff: Engineering an Urban Landscape SC.7.L.17.3 	<i>Engineering Everywhere</i> ® Go Fish: Engineering Prosthetic Tails SC.7.L.16.4 	<i>Engineering Everywhere</i> ® Growing Up: Engineering Vertical Farms SC.7.E.6.6 
	<i>Engineering Everywhere</i> ® It's in the Bag: Engineering Bioinspired Gear SC.7.L.16.4 	<i>Engineering Everywhere</i> ® Testing the Waters: Engineering a Water Reuse Process SC.7.E.6.6 	<i>Engineering Everywhere</i> ® Plants to Plastics: Engineering Bioplastics SC.7.E.6.6 
8 <sup>th</sup> Grade	<i>Engineering Everywhere</i> ® Food for Thought: Engineering Ice Cream SC.8.P.8.4 	<i>Engineering Everywhere</i> ® Here Comes the Sun: Engineering Insulated Homes SC.8.P.8.4 	<i>Engineering Everywhere</i> ® Worlds Apart: Remote Sensing Devices SC.8.E.5.6.7 