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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 <span style="color: green;">SKE1</span> 	<i>EIE® for Kindergarten</i> Here's the Scoop: Designing Trash Collectors <span style="color: green;">SKE1</span> 	<i>Engineering is Elementary®</i> A Work in Process: Improving a Play Dough Process <span style="color: orange;">SKP1</span> 
1 <sup>st</sup> Grade	<i>Engineering Essentials®</i> Lighten Up: Designing Lighting Systems <span style="color: orange;">S1P1</span> 	<i>Computer Science Essentials®</i> Programming Robots <span style="color: purple;">CSS.IDC.K-2.4</span> <span style="color: purple;">CSS.CT.K-2.5</span> <span style="color: purple;">CSS.CC.K-2.6</span> 	<i>Engineering is Elementary®</i> Thinking Inside the Box: Designing Plant Packages <span style="color: blue;">S1L1</span> 
	<i>Engineering is Elementary®</i> The Attraction is Obvious: Designing a Maglev System <span style="color: orange;">S1P2</span> 	<i>Engineering is Elementary®</i> Sounds Like Fun: Seeing Animal Sounds <span style="color: orange;">S1P1</span> 	
2 <sup>nd</sup> Grade	<i>Engineering Essentials®</i> Best of Bugs: Designing Hand Pollinators <span style="color: blue;">S2L1</span> 	<i>Computer Science Essentials®</i> Creating Animations <span style="color: purple;">CSS.IDC.K-2.4</span> <span style="color: purple;">CSS.CT.K-2.5</span> <span style="color: purple;">CSS.CC.K-2.6</span> 	<i>Engineering is Elementary®</i> Just Passing Through: Designing Model Membranes <span style="color: blue;">S2L1</span> 
	<i>Engineering is Elementary®</i> Taking the Plunge: Designing Submersibles <span style="color: orange;">S2P1</span> 	<i>Engineering Adventures®</i> In Good Hands: Designing Space Gloves <span style="color: orange;">S2P1</span> 	
3 <sup>rd</sup> Grade	<i>Computer Science Essentials®</i> Building Automated Systems <span style="color: purple;">CSS.IDC.3-5.4</span> <span style="color: purple;">CSS.CT.3-5.5</span> <span style="color: purple;">CSS.CC.3-5.6</span> 	<i>Engineering is Elementary®</i> Solid as a Rock: Replicating an Artifact <span style="color: green;">S3E2</span> 	<i>Engineering is Elementary®</i> A Stick in the Mud: Evaluating a Landscape <span style="color: green;">S3E2</span> 
	<i>Engineering is Elementary®</i> Now You're Cooking: Designing Solar Ovens <span style="color: orange;">S3P1</span> 	<i>Engineering is Elementary®</i> Catching the Wind: Designing Windmills <span style="color: blue;">S3L2</span> 	<i>Engineering is Elementary®</i> Water, Water Everywhere: Designing Water Filters <span style="color: blue;">S3L2</span> 
	<i>Engineering Adventures®</i> Go Green: Engineering Recycled Racers <span style="color: blue;">S3L2</span> 	<i>Engineering Adventures®</i> Hop to It: Removal of Invasive Species <span style="color: blue;">S3L1</span> 	<i>Engineering is Elementary®</i> A Sticky Situation: Designing Walls <span style="color: green;">S3E2</span> 
4 <sup>th</sup> Grade	<i>Computer Science Essentials®</i> Designing Computer Games <span style="color: purple;">CSS.IDC.3-5.4</span> <span style="color: purple;">CSS.CT.3-5.5</span> <span style="color: purple;">CSS.CC.3-5.6</span> 	<i>Engineering is Elementary®</i> An Alarming Idea: Designing Alarm Circuits <span style="color: orange;">S4P1</span> 	<i>Engineering is Elementary®</i> Marvelous Machines: Making Work Easier <span style="color: orange;">S4P3</span> 
	<i>Engineering is Elementary®</i> To Get to the Other Side: Designing Bridges <span style="color: orange;">S4P3</span> 	<i>Engineering Adventures®</i> Music to My Ears: An Acoustical Engineering Challenge <span style="color: orange;">S4P3</span> 	<i>Engineering Adventures®</i> Light Up the Night: An Electrical Engineering Challenge <span style="color: orange;">S4P1</span> 
	<i>Engineering is Elementary®</i> A Long Way Down: Designing Parachutes <span style="color: orange;">S4P3</span> 	<i>Engineering Adventures®</i> To the Rescue: Engineering Aid Drop Packages <span style="color: orange;">S4P3</span> 	<i>Engineering Adventures®</i> Sky's the Limit: Engineering Flying Technologies <span style="color: orange;">S4P3</span> 
	<i>Engineering Adventures®</i> Liftoff: Engineering Rockets and Rovers <span style="color: orange;">S4P3</span> 		
5 <sup>th</sup> Grade	<i>Engineering Essentials®</i> A Slick Solution: Cleaning an Oil Spill <span style="color: green;">S5E1</span> 	<i>Computer Science Essentials®</i> Analyzing Digital Images <span style="color: purple;">CSS.IDC.3-5.4</span> <span style="color: purple;">CSS.CT.3-5.5</span> <span style="color: purple;">CSS.CC.3-5.6</span> 	<i>Engineering Adventures®</i> A Slippery Slope: Engineering an Avalanche Protection System <span style="color: green;">S5E1</span> 
	<i>Engineering is Elementary®</i> No Bones About it: Designing Knee Braces <span style="color: blue;">S5L1</span> 	<i>Engineering Adventures®</i> Shake Things Up: Engineering Earthquake- Resistant Buildings <span style="color: green;">S5E1</span> 	
6 <sup>th</sup> Grade	<i>Engineering Everywhere®</i> Here Comes the Sun: Engineering Insulated Homes <span style="color: green;">S6E6</span> 	<i>Engineering Everywhere®</i> Don't Runoff: Engineering an Urban Landscape <span style="color: green;">S6E6</span> 	<i>Engineering Everywhere®</i> Testing the Waters: Engineering a Water Reuse Process <span style="color: green;">S6E5</span> 
	<i>Engineering Everywhere®</i> Plants to Plastics: Engineering Bioplastics <span style="color: green;">S6E6</span> 		

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7 <sup>th</sup> Grade	<i>Engineering Everywhere</i> ® Go Fish: Engineering Prosthetic Tails	S7L1 	<i>Engineering Everywhere</i> ® It's in the Bag: Engineering Bioinspired Gear	S7L6 	<i>Engineering Everywhere</i> ® Growing Up: Engineering Vertical Farms	S7L4 
	<i>Engineering Everywhere</i> ® Outbreak Alert: Engineering a Pandemic Response	S7L4 				
8 <sup>th</sup> Grade	<i>Engineering Everywhere</i> ® Put a Lid on It: Engineering Safety Helmets	S8P2 	<i>Engineering Everywhere</i> ® Food for Thought: Engineering Ice Cream	S8P1 	<i>Engineering Everywhere</i> ® Worlds Apart: Remote Sensing Devices	S8P2 
	<i>Engineering Everywhere</i> ® It's About Time: Engineering Timers	S8P2 