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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	SC.K.1.2 	<i>EiE® for Kindergarten</i> Here's the Scoop: Designing Trash Collectors			
1 st Grade	<i>Engineering Essentials®</i> Lighten Up: Designing Lighting Systems	SC.1.1.1 	<i>Computer Science Essentials®</i> Programming Robots	1A-AP-08-12, 1A-DA-05, 1A-CS-03, 1A-IC-16 	<i>Engineering is Elementary®</i> An Alarming Idea: Designing Alarm Circuits	SC.1.1.1 
	<i>Engineering is Elementary®</i> Sounds Like Fun: Seeing Animal Sounds	SC.1.1.1 	<i>Engineering is Elementary®</i> Just Passing Through: Designing Model Membranes	SC.1.2.1 	<i>Engineering is Elementary®</i> Thinking Inside the Box: Designing Plant Packages	SC.1.2.1 
2 nd Grade	<i>Engineering Essentials®</i> Best of Bugs: Designing Hand Pollinators	SC.2.2.1 	<i>Computer Science Essentials®</i> Creating Animations	1A-AP-08-15, 1A-DA-05, 1A-CS-01,03, 1A-IC-16-18 	<i>Engineering is Elementary®</i> A Stick in the Mud: Evaluating a Landscape	SC.2.3.2 
	<i>Engineering is Elementary®</i> A Work in Process: Improving a Play Dough Process	SC.2.1.1 	<i>Engineering is Elementary®</i> A Sticky Situation: Designing Walls	SC.2.1.1 	<i>Engineering Adventures®</i> Hop to It: Removal of Invasive Species	SC.2.2.2 
3 rd Grade	<i>Engineering Essentials®</i> The Attraction is Obvious: Designing a Maglev System	SC.3.1.2 	<i>Computer Science Essentials®</i> Building Automated Systems	1B-CS-01,02,03, 1A-DA-07 1B-AP- 10,11,13,15-17 	<i>Engineering is Elementary®</i> To Get to the Other Side: Designing Bridges	SC.3.1.1 
	<i>Engineering is Elementary®</i> Marvelous Machines: Making Work Easier	SC.3.1.1 	<i>Engineering Adventures®</i> Go Green: Engineering Recycled Racers	SC.3.1.1 	<i>Engineering Adventures®</i> Sky's the Limit: Engineering Flying Technologies	SC.3.1.1 
	<i>Engineering is Elementary®</i> Solid as a Rock: Replicating an Artifact	SC.2.2.2 	<i>Engineering Adventures®</i> Hop to It: Removal of Invasive Species	SC.3.2.5 	<i>Engineering is Elementary®</i> No Bones About it: Designing Knee Braces	
4 th Grade	<i>Engineering is Elementary®</i> Now You're Cooking: Designing Solar Ovens	SC.4.3.4 SC.4.1.2 	<i>Computer Science Essentials®</i> Designing Computer Games	1B-AP-08-17 1B-IC-19-20 	<i>Engineering Adventures®</i> Music to My Ears: An Acoustical Engineering Challenge	SC.4.1.2 SC.4.1.5 
	<i>Engineering Adventures®</i> A Slippery Slope: Engineering an Avalanche Protection System	SC.4.1.2 SC.4.1.5 	<i>Engineering Adventures®</i> Light Up the Night: An Electrical Engineering Challenge	SC.4.1.2 SC.4.1.4 	<i>Engineering is Elementary®</i> Just Passing Through: Designing Model Membranes	SC.4.2.1 
	<i>Engineering is Elementary®</i> Catching the Wind: Designing Windmills	SC.4.3.1 	<i>Engineering Adventures®</i> Shake Things Up: Engineering Earthquake- Resistant Buildings	SC.4.3.3 	<i>Engineering Adventures®</i> Bubble Bonanza	
5 th Grade	<i>Engineering Essentials®</i> A Slick Solution: Cleaning an Oil Spill	SC.5.2.1 	<i>Computer Science Essentials®</i> Analyzing Digital Images	1A-DA-06,07 1B-AP-09-17 1B-IC-20 	<i>Engineering is Elementary®</i> Water, Water Everywhere: Designing Water Filters	SC.5.3.5 
	<i>Engineering is Elementary®</i> A Long Way Down: Designing Parachutes	SC.5.1.3 	<i>Engineering Adventures®</i> Liftoff: Engineering Rockets and Rovers	SC.5.1.3 	<i>Engineering Adventures®</i> To the Rescue: Engineering Aid Drop Packages	SC.5.1.3 
	<i>Engineering Adventures®</i> In Good Hands: Designing Space Gloves	SC.5.1.1 	<i>Engineering is Elementary®</i> Taking the Plunge: Designing Submersibles	SC.5.1.2 		
6-8 th Grade	<i>Engineering Everywhere®</i> Food for Thought: Engineering Ice Cream	SC.MS.1.1 	<i>Engineering Everywhere®</i> Here Comes the Sun: Engineering Insulated Homes	SC.MS.1.5 	<i>Engineering Everywhere®</i> Plants to Plastics: Engineering Bioplastics	SC.MS.1.1 
	<i>Engineering Everywhere®</i> Put a Lid on It: Engineering Safety Helmets	SC.MS.1.2 	<i>Engineering Everywhere®</i> Growing Up: Engineering Vertical Farms	SC.MS.2.2 	<i>Engineering Everywhere®</i> It's in the Bag: Engineering Bioinspired Gear	SC.MS.2.7 

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6-8 th Grade	<i>Engineering Everywhere®</i> Testing the Waters: Engineering a Water Reuse Process	SC.MS.2.7 	<i>Engineering Everywhere®</i> Go Fish: Engineering Prosthetic Tails	SC.MS.2.7 	<i>Engineering Everywhere®</i> Outbreak Alert: Engineering a Pandemic Response
	<i>Engineering Everywhere®</i> Worlds Apart: Remote Sensing Devices	SC.MS.3.2 	<i>Engineering Everywhere®</i> Don't Runoff: Engineering an Urban Landscape	SC.MS.3.10 	<i>Engineering Everywhere®</i> It's About Time: Engineering Timers