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Grade Level	Curriculum Product Suggested Unit		
Pre K	<i>Wee Engineer®</i> Designing Fans, Designing Wrecking Balls, Designing Rafts, Designing Noisemakers K-2-ETS1-1, K-2-ETS1-2, K-2-ETS1-3 		
Kindergarten	<i>EiE® for Kindergarten</i> Raise the Roof: Designing Shelters K-PS3-1, K-PS3-3 2  K-2-ETS1-1 K-2-ETS1-2 K-2-ETS1-3	<i>EiE® for Kindergarten</i> Here's the Scoop: Designing Trash Collectors K-ESS3-3  K-2-ETS1-1 K-2-ETS1-2 K-2-ETS1-3	<i>EiE® for Kindergarten</i> Sort It Out: Programming Robots to Recycle K-2.DA.8  K-2.AP.10 to 17
1 st Grade	<i>Engineering Essentials®</i> Designing Lighting Systems 1-PS4-2, 1-PS4-3  K-2-ETS1-1 K-2-ETS1-2 K-2-ETS1-3	<i>Computer Science Essentials®</i> Programming Robots K-2.AP.10  K-2.AP.11 K-2.AP.12 K-2.AP.13 K-2.AP.14	<i>Engineering is Elementary®</i> Sounds Like Fun: Seeing Animal Sounds 1-PS4-1, 1-PS4-4  K-2-ETS1-1 K-2-ETS1-2 K-2-ETS1-3
2 nd Grade	<i>Engineering Essentials®</i> Designing Hand Pollinators 2-LS2-2  K-2-ETS1-1 K-2-ETS1-2 K-2-ETS1-3	<i>Computer Science Essentials®</i> Creating Animations K-2.CS.2, 3  K-2.DA.7 K-2.AP.10 to 14, 16	<i>Engineering is Elementary®</i> A Stick in the Mud: Evaluating a Landscape 2-ESS1-1  K-2-ETS1-1 K-2-ETS1-2 K-2-ETS1-3
	<i>Engineering is Elementary®</i> A Sticky Situation: Designing Walls 2-PS1-1, 2-PS1-2  2-PS1-3 K-2-ETS1-1 K-2-ETS1-2 K-2-ETS1-3	<i>Engineering is Elementary®</i> A Work in Process: Improving a Play Dough Process 2-PS1-1, 2-PS1-2  K-2-ETS1-1 K-2-ETS1-2 K-2-ETS1-3	
3 rd Grade	<i>Engineering Essentials®</i> Designing Maglev Systems 3-PS2-3, 3-PS2-4  3-5-ETS1-1 3-5-ETS1-2 3-5-ETS1-3	<i>Computer Science Essentials®</i> Building Automated Systems 3-5.CS.1 to 3  3-5.AP.10, 12 to 15, 17, 18	<i>Engineering is Elementary®</i> To Get to the Other Side: Designing Bridges 3-PS2-1  3-5-ETS1-1 3-5-ETS1-2 3-5-ETS1-3
	<i>Engineering is Elementary®</i> Marvelous Machines: Making Work Easier 3-PS2-1  3-5-ETS1-1 3-5-ETS1-2 3-5-ETS1-3	<i>Engineering is Elementary®</i> Just Passing Through: Designing Model Membranes 3-LS4-3  3-5-ETS1-1 3-5-ETS1-2 3-5-ETS1-3	<i>Engineering is Elementary®</i> No Bones About it: Designing Knee Braces 3-5-ETS1-1  3-5-ETS1-2 3-5-ETS1-3
	<i>Engineering Adventures®</i> Hop to It: Removal of Invasive Species 3-LS4-2, 3-LS4-3,  3-LS4-4 3-5-ETS1-1 3-5-ETS1-2 3-5-ETS1-3	<i>Engineering Adventures®</i> Go Green: Engineering Recycled Racers 3-PS2-1  3-5-ETS1-1 3-5-ETS1-2 3-5-ETS1-3	<i>Engineering Adventures®</i> The Sky's the Limit: Engineering Flying Technologies 3-PS2-1, 3-PS2-2  3-5-ETS1-1 3-5-ETS1-2 3-5-ETS1-3
4 th Grade	<i>Engineering Essentials®</i> Designing Solar Ovens 4-ESS3-1  4-PS3-2 4-PS3-4  3-5-ETS1-1, 3-5-ETS1-2, 3-5-ETS1-3	<i>Computer Science Essentials®</i> Designing Computer Games 3-5.CS.1, 2  3-5.DA.9 3-5.AP.10 to 18	<i>Engineering is Elementary®</i> Catching the Wind: Designing Windmills 4-PS3-1, 4-PS3-4  3-5-ETS1-1 3-5-ETS1-2 3-5-ETS1-3
	<i>Engineering is Elementary®</i> Solid as a Rock: Replicating an Artifact 4-ESS1-1  3-5-ETS1-1 3-5-ETS1-2 3-5-ETS1-3	<i>Engineering Adventures®</i> Shake Things Up: Engineering Earthquake-Resistant Buildings 4-ESS2-2  3-5-ETS1-1 3-5-ETS1-2 3-5-ETS1-3	<i>Engineering is Elementary®</i> Thinking Inside the Box: Designing Plant Packages 4-LS1-1  3-5-ETS1-1 3-5-ETS1-2 3-5-ETS1-3
	<i>Engineering Adventures®</i> Light Up the Night: An Electrical Engineering Challenge 4-PS3-2, 4-PS4-1  3-5-ETS1-1 3-5-ETS1-2 3-5-ETS1-3	<i>Engineering Adventures®</i> Music to My Ears: An Acoustical Engineering Challenge 4-PS3-2  4-PS4-1 3-5-ETS1-1 3-5-ETS1-2 3-5-ETS1-3	<i>Engineering Adventures®</i> A Slippery Slope: Engineering an Avalanche Protection System 4-PS3-2, 4-PS4-1  3-5-ETS1-1 3-5-ETS1-2 3-5-ETS1-3
	<i>Engineering Adventures®</i> To the Rescue: Engineering Aid Drop Packages 4-PS3-3  3-5-ETS1-1 3-5-ETS1-2 3-5-ETS1-3		
5 th Grade	<i>Engineering Essentials®</i> Cleaning an Oil Spill 5-LS1-1, 5-LS2-1  3-5-ETS1-1 3-5-ETS1-2 3-5-ETS1-3	<i>Computer Science Essentials®</i> Analyzing Digital Images 3-5.CS.1, 2  3-5.DA.9 3-5.AP.10 to 18	<i>Engineering is Elementary®</i> Taking the Plunge: Designing Submersibles ESS2-1  ESS2-2 ESS3-1 3-5-ETS1-1, 3-5-ETS1-2, 3-5-ETS1-3
	<i>Engineering Adventures®</i> In Good Hands: Designing Space Gloves 5-PS1-3  3-5-ETS1-1 3-5-ETS1-2 3-5-ETS1-3	<i>Engineering Adventures®</i> Liftoff: Engineering Rockets and Rovers 5-PS2-1  3-5-ETS1-1 3-5-ETS1-2 3-5-ETS1-3	<i>Engineering Adventures®</i> Bubble Bonanza: Engineering Bubble Wands 5-PS1-3  5-PS1-4 3-5-ETS1-1 3-5-ETS1-2 3-5-ETS1-3
	<i>Engineering is Elementary®</i> A Long Way Down: Designing Parachutes 5-PS2-1  3-5-ETS1-1 3-5-ETS1-2 3-5-ETS1-3	<i>Engineering is Elementary®</i> Water, Water Everywhere: Designing Water Filters 5-ESS2-1, 5-ESS-3-1  3-5-ETS1-1 3-5-ETS1-2 3-5-ETS1-3	<i>Engineering is Elementary®</i> An Alarming Idea: Designing Alarm Circuits 5-PS1-3  3-5-ETS1-1 3-5-ETS1-2 3-5-ETS1-3

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Grade Level	Curriculum Product Suggested Unit								
6 th Grade	<i>Engineering Everywhere®</i> Here Comes the Sun: Engineering Insulated Homes	MS-PS1-4 MS-PS3-3 MS-PS3-4 MS-PS4-2 MS-ETS1-1 MS-ETS1-2 MS-ETS1-3		<i>Engineering Everywhere®</i> Worlds Apart: Remote Sensing Devices	MS-PS4-2 MS-ESS2-3 MS-ETS1-1 MS-ETS1-2 MS-ETS1-3 MS-ETS1-4	 	<i>Engineering Everywhere®</i> Go Fish: Engineering Prosthetic Tails	MS-LS1-4 MS-ETS1-1 MS-ETS1-2 MS-ETS1-3 MS-ETS1-4	
	<i>Engineering Everywhere®</i> Don't Runoff: Engineering an Urban Landscape	MS-ESS3-3 MS-ESS3-4 MS-ETS1-1 MS-ETS1-2 MS-ETS1-3 MS-ETS1-4		<i>Engineering Everywhere®</i> Food for Thought: Engineering Ice Cream	MS-PS1-2 MS-PS1-6 MS-PS4-2 MS-ETS1-1 MS-ETS1-2 MS-ETS1-3				
7 th Grade	<i>Engineering Everywhere®</i> Growing Up: Engineering Vertical Farms	MS-LS1-4 MS-LS1-6 MS-LS2-5 MS-ETS1-1 MS-ETS1-2 MS-ETS1-3 MS-ETS1-4		<i>Engineering Everywhere®</i> Put a Lid on It: Engineering Safety Helmets	MS-PS2-1 MS-ETS1-1 MS-ETS1-2 MS-ETS1-3 MS-ETS1-4		<i>Engineering Everywhere®</i> Testing the Waters: Engineering a Water Reuse Process	MS-LS2-5 MS-ESS3-3 MS-ESS3-4 MS-ETS1-1 MS-ETS1-2 MS-ETS1-3 MS-ETS1-4	 
	<i>Engineering Everywhere®</i> It's in the Bag: Engineering Bioinspired Gear	MS-LS1-4 MS-ETS1-1 MS-ETS1-2 MS-ETS1-3 MS-ETS1-4							
8 th Grade	<i>Engineering Everywhere®</i> Outbreak Alert: Engineering a Pandemic Response	MS-LS1-1 MS-LS3-1 MS-LS4-4 MS-ETS1-1 MS-ETS1-2 MS-ETS1-3 MS-ETS1-4		<i>Engineering Everywhere®</i> Worlds Apart: Remote Sensing Devices	MS-PS4-2 MS-ESS1-3 MS-ESS2-3 MS-ETS1-1 MS-ETS1-2 MS-ETS1-3 MS-ETS1-4	 	<i>Engineering Everywhere®</i> Plants to Plastics: Engineering Bioplastics	MS-PS1-2 MS-ETS1-1 MS-ETS1-2 MS-ETS1-3 MS-ETS1-4	
	<i>Engineering Everywhere®</i> It's About Time: Engineering Timers	MS-ETS1-1 MS-ETS1-2 MS-ETS1-3 MS-ETS1-4	