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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	SCI.K.7 SCI.K.8		<i>EiE® for Kindergarten</i> Here's the Scoop: Designing Trash Collectors	SCI.K.5 SCI.K.6		<i>Engineering is Elementary®</i> Marvelous Machines: Making Work Easier	SCI.K.1 SCI.K.2	
1 st Grade	<i>Engineering Essentials®</i> Designing Lighting Systems	SCI.1.2 SCI.1.3 SCI.1.4		<i>Computer Science Essentials®</i> Programming Robots	DLCS.1.2 DLCS.1.3 DLCS.1.19		<i>Engineering is Elementary®</i> Sounds Like Fun: Seeing Animal Sounds	SCI.1.1	
	<i>Engineering is Elementary®</i> Just Passing Through: Designing Model Membranes	SCI.1.5							
2 nd Grade	<i>Engineering Essentials®</i> Designing Hand Pollinators	SCI.2.2 SCI.2.6		<i>Computer Science Essentials®</i> Creating Animations	DLCS.2.2 DLCS.2.3 DLCS.2.18		<i>Engineering is Elementary®</i> A Sticky Situation: Designing Walls	SCI.2.2	
	<i>Engineering is Elementary®</i> A Work in Process: Improving a Play Dough Process	SCI.2.1		<i>Engineering is Elementary®</i> A Stick in the Mud: Evaluating a Landscape	SCI.2.2 SCI.2.8 SCI.2.11		<i>Engineering is Elementary®</i> Water, Water Everywhere: Designing Water Filters	SCI.2.1 SCI.2.7 SCI.2.10	
3 rd Grade	<i>Engineering Essentials®</i> Designing Maglev Systems	SCI.3.1 SCI.3.3 SCI.3.4		<i>Computer Science Essentials®</i> Building Automated Systems	DLCS.3.5 DLCS.3.7 DLCS.3.23		<i>Engineering is Elementary®</i> To Get to the Other Side: Designing Bridges	SCI.3.1	
	<i>Engineering is Elementary®</i> A Long Way Down: Designing Parachutes	SCI.3.1		<i>Engineering is Elementary®</i> An Alarming Idea: Designing Alarm Circuits	SCI.3.3		<i>Engineering Adventures®</i> Light Up the Night: An Electrical Engineering Challenge	SCI.3.3	
4 th Grade	<i>Engineering Essentials®</i> Designing Solar Ovens	SCI.4.2 SCI.4.4 SCI.4.5		<i>Computer Science Essentials®</i> Designing Computer Games	DLCS.4.7 DLCS.4.12 DLCS.4.21		<i>Engineering is Elementary®</i> No Bones About it: Designing Knee Braces	SCI.4.10	
	<i>Engineering is Elementary®</i> Catching the Wind: Designing Windmills	SCI.4.4		<i>Engineering Adventures®</i> Shake Things Up: Engineering Earthquake-Resistant Buildings	SCI.4.6 SCI.4.17		<i>Engineering Adventures®</i> Music to My Ears: An Acoustical Engineering Challenge	SCI.4.2 SCI.4.4 SCI.4.6	
	<i>Engineering Adventures®</i> In Good Hands: Designing Space Gloves	SCI.4.2 SCI.4.3		<i>Engineering is Elementary®</i> Solid as a Rock: Replicating an Artifact	SCI.4.12 SCI.4.14		<i>Engineering Adventures®</i> A Slippery Slope: Engineering an Avalanche Protection System	SCI.4.17	
5 th Grade	<i>Engineering Essentials®</i> Cleaning an Oil Spill	SCI.5.11 SCI.5.14 SCI.5.15		<i>Computer Science Essentials®</i> Analyzing Digital Images	DLCS.5.6 DLCS.5.21 DLCS.5.25		<i>Engineering is Elementary®</i> Taking the Plunge: Designing Submersibles	SCI.5.3 SCI.5.5	
	<i>Engineering Adventures®</i> The Sky's the Limit: Engineering Flying Technologies	SCI.5.6 SCI.5.7		<i>Engineering Adventures®</i> Liftoff: Engineering Rockets and Rovers	SCI.5.6 SCI.5.7		<i>Engineering Adventures®</i> To the Rescue: Engineering Aid Drop Packages	SCI.5.6 SCI.5.7	
	<i>Engineering Adventures®</i> Go Green: Engineering Recycled Racers	SCI.5.7		<i>Engineering Adventures®</i> Hop to It: Removal of Invasive Species	SCI.5.14 SCI.5.15		<i>Engineering is Elementary®</i> Thinking Inside the Box: Designing Plant Packages	SCI.5.8 SCI.5.12 SCI.5.13	
6 th Grade	<i>Engineering Everywhere®</i> Here Comes the Sun: Engineering Insulated Homes	SCI.6.12 SCI.6.13		<i>Engineering Everywhere®</i> Testing the Waters: Engineering a Water Reuse Process	SCI.6.7 SCI.6.15 SCI.6.16		<i>Engineering Everywhere®</i> Growing Up: Engineering Vertical Farms	SCI.6.15	
	<i>Engineering Everywhere®</i> Don't Runoff: Engineering an Urban Landscape	SCI.6.7 SCI.6.15 SCI.6.16		<i>Engineering Everywhere®</i> Worlds Apart: Remote Sensing Devices	SCI.6.3				
7 th Grade	<i>Engineering Everywhere®</i> Outbreak Alert: Engineering a Pandemic Response	SCI.7.2		<i>Engineering Everywhere®</i> Go Fish: Engineering Prosthetic Tails	SCI.7.4		<i>Engineering Everywhere®</i> It's in the Bag: Engineering Bioinspired Gear	SCI.7.6	
8 th Grade	<i>Engineering Everywhere®</i> Food for Thought: Engineering Ice Cream	SCI.8.3 SCI.8.5 SCI.8.15		<i>Engineering Everywhere®</i> Plants to Plastics: Engineering Bioplastics	SCI.8.3		<i>Engineering Everywhere®</i> It's About Time: Engineering Timers	SCI.8.14	

KEY | **PHYSICAL SCIENCE**  **EARTH SCIENCE**  **LIFE SCIENCE**  **COMPUTER SCIENCE** 

Contact sales@mos.org or visit eie.org for more information.