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Grade Level	Curriculum Product	Suggested Units		
<b>Preschool</b>	Wee Engineer®	<i>Designing Fans, Designing Wrecking Balls, Designing Rafts, Designing Noisemakers</i>		
<b>Kindergarten</b>	EiE® for Kindergarten	K.PS3-2 	K.ESS3-3 	
	Raise the Roof: Designing Shelters		EiE® for Kindergarten Here's the Scoop: Designing Trash Collectors	Engineering is Elementary A Work in Process: <i>(virtual)</i> Improving a Play Dough Process
<b>1st Grade</b>	Engineering is Elementary	1-PS4-4 	Essentials Companion Lighten Up: Designing Lighting Systems	Essentials Companion Programming Robots
	Sounds Like Fun: Seeing Animal Sounds	1-PS4-2, 1-PS4-3 		1.CS.1.2, 1.CS.2.2 
<b>2nd Grade</b>	Engineering is Elementary	2-ESS1-1, 2-ESS2-1 	Essentials Companion The Best of Bugs: <i>(virtual)</i> Designing Hand Pollinators	Essentials Companion Creating Animations
	A Stick in the Mud: Evaluating a Landscape	2-LS4 		2.CS.1.1-3 
<b>3rd Grade</b>	Engineering is Elementary	3-PS2-1 	Essentials Companion The Attraction is Obvious: Designing Maglev Systems	Essentials Companion Building Automated Systems
	To Get to the Other Side: Designing Bridges	3-PS2-1 	3-PS2-3 	3.DL.3.1-3, 3.CS.3.1-2 
	Engineering is Elementary Marvelous Machines: Making Work Easier	3-PS2-1 	Engineering is Elementary Solid as a Rock: Replicating an Artifact	3-LS4-1 
	Engineering Adventures The Sky's the Limit: <i>(virtual)</i> Engineering Flying Technologies	3-PS2-1, 3-PS2-2 	Engineering is Elementary Hop To It: Safe Removal of Invasive Species	3-PS2-1 
	Engineering is Elementary Just Passing Through: <i>(virtual)</i> Designing Model Membranes	3-LS4-3,4 	Engineering Adventures No Bones About It: Designing Knee Braces	3-5-ETS1-1,2,3
<b>4th Grade</b>	Engineering is Elementary	4-LS1-1 	Essentials Companion Now You're Cooking: Designing Solar Ovens	Essentials Companion Designing Computer Games
	Thinking Inside the Box: Designing Plant Packages	4-PS3-2 	4-PS3-2 	4.DL.2.1,2, 4.CS.2.1,2 
	Engineering is Elementary	4-LS1-1 	Engineering is Elementary Catching the Wind: Designing Windmills	4-ESS3-1 
	Engineering Adventures Shake Things Up: <i>(virtual)</i> Engineering Earthquake-Resistant Buildings	4-ESS2-2 	Engineering is Elementary Music to My Ears: <i>(virtual)</i> An Acoustical Engineering Challenge	4-PS3-2, 4-PS4-1 
	Engineering Adventures A Slippery Slope: Engineering an Avalanche Protection System	4-PS3-2, 4-PS4-1 	Engineering Adventures Light Up the Night: An Electrical Engineering Challenge	4-PS3-2,4 

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<b>4<sup>th</sup> Grade</b>	Engineering Adventures Bubble Bonanza	3-5-ETS1-1,2,3		
<b>5<sup>th</sup> Grade</b>	Engineering is Elementary Taking the Plunge: Designing Submarines	5-PS1-4 	Essentials Companion A Slick Solution: Cleaning an Oil Spill	5-LS1-1, 5-LS2-1  <span style="float: right;">xx </span>
	Engineering is Elementary An Alarming Idea: Designing Alarm Circuits	5-PS1-3 	Engineering is Elementary A Long Way Down: Designing Parachutes	5-PS2-1  Engineering is Elementary <span style="float: right;">5-ESS3-1 </span>
	Engineering Adventures To The Rescue: <i>(virtual)</i> Engineering Aid Drop Packages	5-PS2-1 	Engineering Adventures In Good Hands: Engineering Space Gloves	5-PS1-3  Engineering Adventures <span style="float: right;">5-PS2-1 </span>
<b>6<sup>th</sup> Grade</b>	Engineering Everywhere Don't Runoff: <i>(virtual)</i> Engineering An Urban Landscape	5-ESS2-4 	Engineering Everywhere Food for Thought: Engineering Ice Cream	5-PS3-3, 5-P4-2  Engineering Everywhere <span style="float: right;">5-PS3-3, 5-P4-2 </span>
	Engineering Everywhere Go Fish: Engineering Prosthetic Tails	MS-ETS1-1,2,3,4		
<b>7<sup>th</sup> Grade</b>	Engineering Everywhere Growing Up: Engineering Vertical Farms	7-LS2-2 	Engineering Everywhere Its in the Bag: Engineering Bioinspired Gear	7-LS2-1  Engineering Everywhere <span style="float: right;">7-PS1-3 </span>
	Engineering Everywhere Put a Lid on it: Engineering Safety Helmets	7-PS3-1 	Engineering Everywhere Testing the Water: Engineering a Water Reuse Process	7-ESS3-3 
<b>8<sup>th</sup> Grade</b>	Engineering Everywhere Its About Time: <i>(virtual)</i> Engineering Timers	8-ESS1-1 	Engineering Everywhere Outbreak Alert: <i>(virtual)</i> Engineering a Pandemic Response	8-LS3-1  Engineering Everywhere <span style="float: right;">8-ESS1-3 </span>

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