










2020 EiE + Amplify Unit Alignment



Grade Curriculum Product	Amplify Topic		EiE Unit
Kindergarten EiE® for Kindergarten	Pushes & Pulls		Wee Engineer: Wrecking Balls
	Sunlight & Weather		Raise the Roof: Designing Shelters
1st Grade Engineering is Elementary® Integrated Engineering & CS Essentials®	Animal & Plant Defenses		Just Passing Through: Designing Model Membranes
	Light & Sound		Integrated Engineering & CS Essentials: Lighting Systems
2nd Grade Engineering is Elementary® Integrated Engineering & CS Essentials®	Plant & Animal Relationships		Integrated Engineering & CS Essentials: Hand Pollinators
	Properties of Materials		A Work in Process: Improving the Play Dough Process
	Changing Landforms		A Stick in the Mud: Evaluating a Landscape
3rd Grade Engineering Adventures® Integrated Engineering & CS Essentials®	Balancing Forces		Integrated Engineering & CS Essentials: Maglevs
	Environments & Survival		Hop to It: Safe Removal of an Invasive Species
4th Grade Engineering Adventures® Integrated Engineering & CS Essentials®	Energy Conversions		Integrated Engineering & CS Essentials: Solar Ovens
	Vision & Light		Light up the Night: An Electrical Engineering Challenge
	Waves, Energy, & Information		Music to my Ears: An Acoustical Engineering Challenge
5th Grade Engineering is Elementary® Integrated Engineering & CS Essentials®	The Earth System		Water, Water Everywhere: Designing Water Filters
	Ecosystem Restoration		Integrated Engineering & CS Essentials: Oil Spill

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6th Grade Engineering Everywhere®	Microbiome 	Don't Runoff: Engineering an Urban Landscape
	Thermal Energy 	Here Comes the Sun: Engineering Insulated Homes
	Earth's Changing Climate 	Testing the Waters: Engineering a Water Reuse Project
7th Grade Engineering Everywhere®	Chemical Reactions 	Plants to Plastics: Engineering Bioplastics
	Populations & Resources 	Growing Up: Engineering Vertical Farms
	Manner & Energy in Resources 	It's in the Bag: Engineering Bioinspired Gear
8th Grade Engineering Everywhere®	Force & Motion 	Integrated Engineering & CS Essentials: Hand Pollinators
	Earth, Moon, & Sun 	A Work in Process: Improving the Play Dough Process
	Natural Selection 	A Stick in the Mud: Evaluating a Landscape