

innovation Lab



6th Grade: Intro to Technology, Design, and Engineering

7th Grade: Technology & Innovation AND/OR Foundations in STEM I

8th Grade: Foundations in STEM II AND OPTIONAL Art of Innovation “Capstone”

Grade 6		Grade 7		Grade 8	
One Semester Technology, Design & Engineering	Digital Media Impact in Today's Society	Fall Semester Technology & Innovation	Helping Society with Smart Devices & Internet of Things	Fall Semester Foundations in STEM II	Keeping Our Oceans Clean with Marine Engineering
	Architecture with 3D Models and 3D Printing		Engineering Empathy with Automation & Robotics		Renewable Energy with Solar Race Cars
	Powering Innovation with Digital Fabrication		Digital Solutioning with App Inventor	Biomedical Empathy with Prosthetics	
	Empowering the World with Civil Engineering	Spring Semester Foundations in STEM I	Biomedical Innovation with Patient Safety	Spring Semester Art of Innovation Capstone	Creativity from Constraint with Packaging Engineering
	Digital Realities with AR & VR		Delighting the Customer with Fab Labs		Art of Innovation Kickstarter / Shark Tank
		Green Electrons with Circuits & Renewable Energy		Semester Long Individual or Group Project	
		Aerospace Engineering with Drones			