

		Curriculum Overview Course: Automation & Robotics Grade Level: 7 Meets: 3 times per week for 1 quarter			
		Week 1	Week 2	Week 3	Week 4
Quarter 1	September	Intro to AR Impossible Paper Puzzle Lego Design Challenge 4 school days	Intro to Robotics Mechanisms Build simple gear train Intro to Pull Toy Project 4 school days	Pull Toy Project design Pull Toy Project build	Pull Toy Project & Parade Final design sketch Pull Toy reflection
	October	Intro to coding - VEX VR Intro to Pizza Night Project	Writing pseudocode Pizza Night design 4 school days	Pizza Night Project build 4 school days	Pizza Night Project Test Pizza Night design sketch & reflection Q1 ends
Quarter 2 (see Q1 - adjust based on group, materials, timing)	November	4 school days	4 school days		T1 ends 2 school days
	December				
	January	2 school days	STAR (1)	Q2 ends	4 school days
Quarter 3 (see Q1 - adjust based on group, materials, timing)	January	2 school days	STAR (1)	Q2 ends	4 school days
	February				
	March		T2 ends		Q3 Ends
Quarter 4 (see Q1 - adjust based on group, materials, timing)	April				
	May				4 school days
	June				