











CAREER PATHWAYS

STEM

A K-12 PROGRESSION

Science Technology Engineering Math

	 CODING	 ENGINEERING DESIGN PROCESS	 DRONE	 CYBER SECURITY	 MOBILE DEVELOPMENT	 DATA SCIENCE	 ANIMATION	 ARTIFICIAL INTELLIGENCE	 ROBOTICS	 AR/VR
K-2	LEVEL I CODE YOUR WORLD L1 POP: Coding Awbie with Osmo	LEVEL I SOLVING PROBLEMS WITH SPHERO	LEVEL I AERONAUTICS L1 POP: Flight Plan	LEVEL I NAVIGATING CYBERSECURITY	LEVEL I STORYTELLING WITH GAME DESIGN	LEVEL I DATA LAB FOUNDATIONS	LEVEL I STOP MOTION ANIMATION	LEVEL I PATTERNS IN LEARNING	LEVEL I ROBOTS, ROBOTS EVERYWHERE	LEVEL I EXPERIENCE AR AND VR
3-5	LEVEL II CODING WITH COLOR L2 POP: More Coding Fun with Ozobot	LEVEL II 3D PRINTING: DESIGN, PRINT, UNLOCK IMAGINATION L2 POP: Sphero Playground	LEVEL II PREPARE FOR FLIGHT L2 POP: Olympics Challenge	LEVEL II SAFEGUARDING INFORMATION	LEVEL II GAME BASED CHARACTER DEVELOPMENT	LEVEL II DATA OBSERVATIONS	LEVEL II DISCOVERING ANIMATION	LEVEL II LEARNING WITH CONSTRAINTS	LEVEL II DESIGNING ROBOTS	LEVEL II EXPLORING AR AND VR
6-8	LEVEL III COMMUNICATION, CODING, AND MINI SPHERO L3 POP: Sphero Mini Through National Parks	LEVEL III 3D PRINTING: A PATHWAY TO PURPOSEFUL PRINTING	LEVEL III QUALIFIED FOR FLIGHT L3 POP: Natural Disaster THE SCIENCE OF DRONE RACING	LEVEL III CRYPTOGRAPHY FOUNDATIONS	LEVEL III CREATING MEANFULING APPS	LEVEL III BIG DATA, BIG IDEAS	LEVEL III ANIMATION STATION	LEVEL III CREATION OF ARTIFICIAL INTELLIGENCE	LEVEL III ROBOTS WITH A PURPOSE	LEVEL III CREATING AR AND VR EXPERIENCES
9-12	LEVEL IV CODING FOUNDATIONS L4 POP: Acquiring Coding Skills	LEVEL IV 3D PRINTING CHALLENGE: SOLVING A REAL-WORLD PROBLEM	LEVEL IV CERTIFIED FOR FLIGHT	LEVEL IV PROTECTING PERSONAL PRIVACY	LEVEL IV APP BUILDING BASICS	LEVEL IV DATA LITERACY AND VISUALIZATIONS	LEVEL IV ANYONE CAN ANIMATE!	LEVEL IV TRAINING ARTIFICIAL INTELLIGENCE	LEVEL IV ROBOT LAB	LEVEL IV AUGMENTED AND VIRTUAL REALITY WORLDS

POPs contain additional curriculum and materials that extend the kit

