

KIT CONTENTS/ VEX IQ EDUCATION KIT	
Structure	(2) 1x3 Beam (6) 1x4 Beam (6) 1x6 Beam (8) 1x8 Beam (6) 1x10 Beam (4) 1x12 Beam (4) 2x2 Beam (6) 2x4 Beam (6) 2x6 Beam (6) 2x8 Beam (4) 2x10 Beam (6) 2x12 Beam (4) 2x16 Beam (2) 2x20 Beam (4) 4x4 Plate (2) 4x8 Plate (4) 3x4 Tee Beam (4) 2x3 Right Angle Beam (4) 3x3 30 Degree Angle Beam (4) 3x3 45 Degree Angle Beam (4) 3x3 60 Degree Angle Beam (4) 3x5 Right Angle Beam (4) 4x4 Right Angle Offset Beam (2) Elastic Band Anchor Plate
Connectors	(240) 1x1 Connector Pin (60) 1x2 Connector Pin (20) 2x2 Connector Pin (12) 0.5x Standoff (12) 1x Standoff (14) 2x Standoff (6) 4x Standoff (6) 6x Standoff (12) Mini Standoff Connector (8) End Standoff Connector (10) Large Chassis Corner Connector (18) Small Chassis Corner Connector (10) 2x Wide, 1x2 Corner Connector (12) 1x Wide, 1x1 Offset Corner Connector (4) 2x Wide, 2x1 Offset Corner Connector (4) 2x Wide, 2x1 Corner Connector (4) 2x Wide, 1x1 Offset Corner Connector (10) 2x Wide, 2x2 Corner Connector (8) 2x Wide, 1x2 Offset Corner Connector (4) 2x2 Lock Plate (4) 1x3 Center Lock Plate (4) Worm Bracket
Shafts, Gears and Wheels	Shafts: (6) 1x1 Idler Pin (6) 0x2 Idler Pin (2) 4x Pitch Shaft (4) 6x Pitch Shaft (2) 8x Pitch Shaft (2) 2x Pitch Plastic Shaft (2) 3x Pitch Plastic Shaft (2) 4x Pitch Plastic Shaft (2) 5x Pitch Plastic Shaft (2) 2x Pitch Plastic Motor Shaft (4) 3x Pitch Plastic Motor Shaft (2) 4x Pitch Plastic Motor Shaft (2) 2x Pitch Plastic Capped Shaft (4) 3x Pitch Plastic Capped Shaft (2) 4x Pitch Plastic Capped Shaft (2) 5x Pitch Plastic Capped Shaft (20) Washer (25) 0.5x Pitch Spacer (4) Shaft Bushing (30) Rubber Shaft Collar Gears: (10) 12 Tooth Gear (10) 36 Tooth Gear (6) 60 Tooth Gear (2) 36 Tooth Crown Gear Wheels: (4) Small Wheel Hub (44mm) (2) 100mm Travel Rubber Tire (4) 200mm Travel Rubber Tire
Motors, Robot Control and Sensors	(1) Robot Brain (1) VEX IQ Controller (2) Smart Radios (4) Smart Motor (1) Gyro Sensor (2) Bumper Switch (2) Touch LED (1) Distance Sensor (1) Color Sensor (2) Smart Cable Pack (1) USB Cable (1) Tether Cable
Power and Storage	Power: (1) Robot Battery (1) VEX IQ Controller Battery (1) Robot Battery Charger (1) Battery Charger Power Cord Storage: (1) Storage Bin and Tray