



## TETRIX PRIME Programmable Robotics Set Parts

Group # \_\_\_\_\_

Below is a table showing all the parts that come in this Tetrix Prime robot kit of parts. Count and confirm all parts in your kit, add necessary notes if needed. Extra's parts bring to Instructors front Desk.

Part Category	Part #	Part Name-Description	#	Actual	Condition/notes
Beams	40201	TETRIX PRIME 4-Hole Square Beam	4		
Beams	40202	TETRIX PRIME 5-Hole Square Beam	4		
Beams	40203	TETRIX PRIME 6-Hole Square Beam	4		
Beams	40204	TETRIX PRIME 7-Hole Square Beam	4		
Beams	40205	TETRIX PRIME 8-Hole Square Beam	4		
Beams	40206	TETRIX PRIME 13-Hole Square Beam	2		
Beams	40207	TETRIX PRIME 15-Hole Square Beam	2		
Internal Connectors	40212	TETRIX PRIME 3-Way Beam Connector	4		
Internal Connectors	40213	TETRIX PRIME Tee Beam Connector	4		
Internal Connectors	40211	TETRIX PRIME 90-Degree Beam Connector	4		
Internal Connectors	40214	TETRIX PRIME Beam End Connector	4		
Internal Connectors	40322	TETRIX PRIME Beam Extension Connector	4		
Internal Connectors	40215	TETRIX PRIME Beam Straight Connector	4		
External Connectors	40208	TETRIX PRIME 90-Degree Beam Bracket	10		
External Connectors	40209	TETRIX PRIME 60-Degree Beam Bracket	10		
External Connectors	40210	TETRIX PRIME Tee Beam Bracket	10		
External Connectors	40216	TETRIX PRIME Straight Block Beam Connector	10		
External Connectors	40217	TETRIX PRIME 90-Degree Cross Block Connector	10		
Connecting Hardware	40219	TETRIX PRIME Quick Rivet Connector	24		
Connecting Hardware	40220	TETRIX PRIME Quick Rivet Peg	24		
Connecting Hardware	40221	TETRIX PRIME Wing Nut	24		
Connecting Hardware	40323	TETRIX PRIME Thumbscrew	24		
Connecting Hardware	40516	Socket Head Cap Screw	25		



# Computer Engineering

Western Technical-Commercial School

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Section: \_\_\_\_\_

Wheels, Gears, & Servos	40222	TETRIX PRIME Wheel with Tire	4		
Wheels, Gears, & Servos	40223	TETRIX PRIME 40-Tooth Plastic Gear	4		
Wheels, Gears, & Servos	40224	TETRIX PRIME 80-Tooth Plastic Gear	4		
Wheels, Gears, & Servos	40538	TETRIX Standard-Scale Servo Motor	2		
Wheels, Gears, & Servos	44298	TETRIX PRIME DC Motor	2		
Wheels, Gears, & Servos	40232	TETRIX PRIME Servo Mounting Bracket	6		
Wheel, Gear, & Servo Hardware	40230	TETRIX PRIME Shaft Servo Hub	6		
Wheel, Gear, & Servo Hardware	40225	TETRIX PRIME 80 mm Steel Axle	6		
Wheel, Gear, & Servo Hardware	40226	TETRIX PRIME 40 mm Steel Axle	6		
Wheel, Gear, & Servo Hardware	40227	TETRIX PRIME 8 mm x 6 mm Bronze Bushing	12		
Wheel, Gear, & Servo Hardware	40228	TETRIX PRIME Beam Attachment Hub	4		
Wheel, Gear, & Servo Hardware	40229	TETRIX PRIME D-Shaft Set Collar	8		
Gripper Assembly	40234	TETRIX PRIME Gripper Kit	1		
Electronics & Control	44268	TETRIX PULSE Robotics Controller with USB cable	1		
Electronics & Control	43055	Ultrasonic Sensor Pack	1		
Electronics & Control	43056	Line Finder Sensor Pack	1		
Batteries, Tools & Hardware	40236	TETRIX PRIME Battery Mount Bracket	2		
Batteries, Tools & Hardware	40235	TETRIX PRIME 6 V NiMH Battery Pack	1		
Batteries, Tools & Hardware	40378	TETRIX PRIME 5-Cell NiMH Battery Pack Charger	1		
Batteries, Tools & Hardware	36404	4-in-1 Screwdriver	1		
Batteries, Tools & Hardware	40341	Miniature Ball-Point Hex Driver	1		
Batteries, Tools & Hardware	42991	2-in-1 Screwdriver	1		
Batteries, Tools & Hardware	41769	Plastic 2 oz Cups	4		
Batteries, Tools & Hardware	14041	Practice Golf Balls	4		
Batteries, Tools & Hardware	44301	TETRIX PULSE Robotics Controller Programming Guide	1		
			303		