Item	Source	Link
2.54 mm pitch male and female headers	Adafruit.com	
9 VDC 1000mA regulated switching power adapter PID: 63	Adafruit.com	
Servo Extension Cable - 30cm / 12" long PID: 972	Adafruit.com	
10K ohm resistor 1/8 W or higher	Adafruit.com or Digikey	
IR Break Beam Sensor - 3mm LEDs PRODUCT ID: 2167 or Digikey # 2167-ND	Adafruit.com or Digikey	
Microswitch CAT# SMS-221	allelectronics.com	
Windshield wiper motor 106 max rpm, All Electronic cat# DCM-434 . Note this is no longer available from All Electronics, monsterguts.com has a motor which is similar byut runs at 1/2 the rpm ,so you'll need to increase the drvie sprocket from 16 teeth to 32.	allelectronics.com	
(3+ packs) Franklin Sports 1 Star Table Tennis Balls (Pack of 6), 38 mm. Note it is important to by 38 mm ball as the more common **40 mm balls will get stuck in the PVC pipe**	Amazon	
Battery UB1280 12V 8Ah	Amazon	
DryLin W16-A Linear Motion System for Camera Sliders Note: I purcahesd for $60 in Aug 2016, but I now see price is > 2X !, so this model looks like a better deal "Igus DryLin W1040-A Linear Guide Camera Slider"	Amazon	https://www.amazon.com/gp/product/B0087U4V3W/ref=oh_aui_detailpage_o00_s00?ie=UTF8&psc=1
Martin Roller Chain Sprocket, Reboreable, Type B Hub, Single Strand, 25 Chain Size, 0.25" Pitch, 16 Teeth, 0.25" Bore Dia., 1.407" OD, 3.031" Hub Dia., 0.11" Width	Amazon	https://www.amazon.com/gp/product/B0045JJNS2/ref=oh_aui_search_detailpage?ie=UTF8&psc=1
Arduino UNO	Amazon	
A1104LUA-T Hall Switch, Digkey p/n 620-1547-nd	Digikey	
(12) Plastic Tumblers (2 for $1)	Dollar Tree	
10 AMP fast blow 5x20mm Glass Tube Fuse	ebay	
DC 100V 10A Voltmeter Ammeter Blue+Red LED Dual Digital Volt Amp Meter	ebay	
Screw Cap Panel Mount Fuse Holder For M205 5x20mm Glass Tube Fuses	ebay	
(3 packs) 10 Pc Rare Earth Magnets Item#67488	Harbor Freight Tools	
(2) Simpson Strong-Tie 1-13/16 in. x 5 in. Tie Plate	Home Depot	
(2) Simpson Strong-Tie 12-Gauge Angle Model # A33	Home Depot	
Simpson Strong-Tie 2"x1-1/2"x1-3/8" Angle (A21Z)	Home Depot	
(2) M5 bolts 25 mm lg. with locknuts and flat washers	Home Store	
(4) 1 1/2 inch conduit hanger	Home Store	
1 1/2 PVC pipe 2 foot section	Home Store	
1 by 2 P by 8 foot long pine boards	Home Store	
1/2 Plywood 42" by 30" - I recommend a quality grade like Baltic Birch	Home Store	
1/4-20 dowel nut 3/8 OD x 1 1/8 lg.	Home Store	
Hose Clamp 3"	Home Store	
Loctite Red	Home Store	
M10 Flange bolt 30 mm lg. and nut	Home Store	
Telephone wire, 4 conductor 25 ft.	Home Store	
Wood screws (#8 flat head 1 1/2 inch long) and glue	Home Store	
about 2 sq.ft. of 22 gauge steel sheet	Home Store	

	White Delrin ® Acetal Resin Bar, 1-3/4" Thick x 1-3/4" Width, Square, 1 ft. Length # 8741K48	McMaster-Carr	
	Martin IDLER Sprocket 25BB20 3/8 PITCH: #25 TEETH: 20 BORE: 3/8 INCH	mrosupply.com	
	Piezo Buzzer	Radio Shack	
	Project box 4 x 2 x 1	Radio Shack	
	RadioShack SPST 12-Volt DC Illuminated Switch Catalog #: 2750010	Radio Shack	
	RTF 1V-17V ADJUSTABLE VOLTAGE REGULATOR	readytoflyquads.com	http://www.readytoflyquads.com/rtf-1v-17v-adjustable-voltage-regulator
	#25 Single Strand-Riveted Roller Chain, 10 feet Product Code: RB-And-37	robotshop.com	
	10A DC Motor Driver Arduino Shield Product Code: RB-Cyt-116	robotshop.com	
	Arduino Proto Shield (bare PCB) Product Code: RB-Ard-08	robotshop.com	
	Arduino Shield Stacking Headers Product Code: RB-Ada-08	robotshop.com	
	Connecting Link for Roller Chain #25 Product Code: RB-And-133	robotshop.com	
	Keypad - 12 Button Product Code: RB-Spa-203	robotshop.com	
	(2) Servos Futaba S3003	ServoCity	
	Serial OLED Module (16x2) AX133Y	Solorbotics	https://solarbotics.com/product/28622/