

Class	1MCT1
First Name:	Andreas
Name	Adam
Project Name :	ScoreTech Hockey
Assembly Revision :	
Approval Date :	
Part Count :	11
Total Cost :	€106

Part #	Part Name	Description	Revision	Qty
1	Raspberrypi 4	Raspberry pi om heel het project aan te sturen.		1
2	Raspberrypi-voeding	Leverst stroom aan de Raspberry Pi.		1
3	Breadboard	Om alles mooi aan elkaar aan te sleuten.		3
4	MPU	Detecteert de beweging van het net		1
5	RTC	Zorgt ervoor dat je de tijd kan zien ook zonder wifi		1
6	Vochtigheidssensor	Meet de vochtigheid van het veld en geeft een signaal aan de sproeiers wanneer ze moeten aan gaan.		1
7	LCD-scherm	Geeft het IP-adres en andere informatie weer.		1
8	Buzzer	Produceert een geluidssignaal wanneer de tijd stopt.		1
9	Bedrading	Verbindt de componenten met de Raspberry Pi.		1

Total

11

Picture of Assembly

(picture can only be added with END delivery of pro

Supplier	also available from	Units	Unit Cost
ronics.com/en/raspberry-pi-4-model-b-2gb-spberry-pi-4-2-go-de-ram-dispo		1	€ 52.86
voorzieningen-voor-de-raspberry-pi-192/ra:1v-3a-usb-c-voeding-officiële-r		1	€ 9.30
opencircuit.be/product/breadboard-830-punard-830-pins-MB102-universeel		1	€ 3.00
s://www.hobbyelectronica.nl/product/mpu-6mpu6050-sensor-3-axis-acceler		3	€ 8.11
hobbyelectronica.nl/product/ds1307-i2c-rtc-w.makerfabs.com/tiny-rtc-for-ar		5	€ 5.99
f9-4433-b97e-d6df97cf3699&pd_rd_i=B01oil-moisture-relay-module-soil-r		5	€ 7.36
encircuit.be/product/20x4-karakters-lcd-moc-lcd-16x2-display--extras-backli		1	€ 7.00
https://grobotronics.com/buzzer-5v.html JHSjrIK TqmRq2fae05ykjv2GS		1	€ 0.40
-daf9-4433-b97e-d6df97cf3699&pd_rd_i=Be/product/male-female-20-cm-l		120	€ 6.44

object!)

Max Cost	Real Cost
€ 52.86	
€ 9.30	
€ 9.00	
€ 8.11	
€ 5.99	
€ 7.36	
€ 7.00	
€ 0.40	
€ 6.44	
€ 106.46	

Bill of Materials for LEGO® Design

EXAMPLE on how to list parts of your project

Assembly Name : Mini X-Wing™	
Assembly Number : Custom	
Assembly Revision :	
Approval Date :	
Pieces :	46
Total Cost :	\$5.85

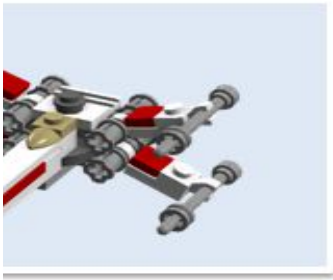





Category	Part #	Elem ID	Part Name	Color	Qty	Supplier
Bricks, Sloping	50746	4504369	ROOF TILE 1X1X2/3, ABS	1 - White	1	nephew
Plates	3024	302401	PLATE 1X1	1 - White	1	nephew
Plates	3023	302301	PLATE 1X2	1 - White	2	nephew
Plates	3023	4211398	PLATE 1X2	194 - Medium Stone Grey	1	nephew
Plates	3794	379401	PLATE 1X2 W. 1 KNOB	1 - White	1	nephew
Plates	3623	362301	PLATE 1X3	1 - White	1	nephew
Plates	3623	362321	PLATE 1X3	21 - Bright Red	1	nephew
Plates	94148	302201	PLATE 2X2	1 - White	1	nephew
Plates, Special	6141	4210633	PLATE 1X1 ROUND	199 - Dark Stone Grey	1	nephew
Plates, Special	3070	307021	FLAT TILE 1X1	21 - Bright Red	4	nephew

Plates, Special	2412	241201	RADIATOR GRILLE 1X2	1 - White	1	nephew
Plates, Special	6019	4538353	PLATE 1X1 W/HOLDER VERTICAL	1 - White	4	nephew
Plates, Special	2431	4558168	FLAT TILE 1X4	1 - White	1	nephew
Plates, Special	63868	4535737	PLATE 2X1 W/HOLDER,VERTICAL	1 - White	4	nephew
Plates, Special	2540	4211632	PLATE 1X2 W. STICK	194 - Medium Stone Grey	4	nephew
Plates, Special	3176	4225733	COUPLING PLATE 2X2	199 - Dark Stone Grey	1	nephew
Bricks, Special	49668	4224793	PLATE 1X1 W/TOOTH	5 - Brick Yellow	1	nephew
Technic	32123	4211573	1/2 BUSH	194 - Medium Stone Grey	4	nephew
Technic	6590	4211622	BUSH FOR CROSS AXLE	194 - Medium Stone Grey	8	nephew
Accessories	3957	4211473	STICK/AERIAL	194 - Medium Stone Grey	4	nephew

Total

46



Alternative available from	Action?	Units	Picture	Unit Cost	max Cost	Real Cost
4500069: Plate 1X2 W. 1 Knob Brickset: LEGO set		each		\$ 0.10	\$ 0.10	\$ 0.10
4500069: Plate 1X2 W. 1 Knob Brickset: LEGO set		each		\$ 0.10	\$ 0.10	\$ 0.10
4500069: Plate 1X2 W. 1 Knob Brickset: LEGO set		each		\$ 0.10	\$ 0.20	\$ 0.20
4500069: Plate 1X2 W. 1 Knob Brickset: LEGO set		each		\$ 0.10	\$ 0.10	\$ 0.10
4500069: Plate 1X2 W. 1 Knob Brickset: LEGO set		each		\$ 0.10	\$ 0.10	\$ 0.10
4500069: Plate 1X2 W. 1 Knob Brickset: LEGO set		each		\$ 0.10	\$ 0.10	\$ 0.10
4500069: Plate 1X2 W. 1 Knob Brickset: LEGO set		each		\$ 0.10	\$ 0.10	\$ 0.10
4500069: Plate 1X2 W. 1 Knob Brickset: LEGO set		each		\$ 0.15	\$ 0.15	\$ 0.15
4500069: Plate 1X2 W. 1 Knob Brickset: LEGO set		each		\$ 0.10	\$ 0.10	\$ 0.10
4500069: Plate 1X2 W. 1 Knob Brickset: LEGO set		each		\$ 0.10	\$ 0.40	\$ 0.40

4500069: Plate 1X2 W. 1 Knob Brickset: LEGO set	each		\$ 0.10	\$ 0.10	\$ 0.10
4500069: Plate 1X2 W. 1 Knob Brickset: LEGO set	each		\$ 0.15	\$ 0.60	\$ 0.60
4500069: Plate 1X2 W. 1 Knob Brickset: LEGO set	each		\$ 0.20	\$ 0.20	\$ 0.20
4500069: Plate 1X2 W. 1 Knob Brickset: LEGO set	each		\$ 0.15	\$ 0.60	\$ 0.60
4500069: Plate 1X2 W. 1 Knob Brickset: LEGO set	each		\$ 0.15	\$ 0.60	\$ 0.60
4500069: Plate 1X2 W. 1 Knob Brickset: LEGO set	each		\$ 0.20	\$ 0.20	\$ 0.20
4500069: Plate 1X2 W. 1 Knob Brickset: LEGO set	each		\$ 0.10	\$ 0.10	\$ 0.10
4500069: Plate 1X2 W. 1 Knob Brickset: LEGO set	each		\$ 0.10	\$ 0.40	\$ 0.40
4500069: Plate 1X2 W. 1 Knob Brickset: LEGO set	each		\$ 0.15	\$ 1.20	\$ 1.20
4500069: Plate 1X2 W. 1 Knob Brickset: LEGO set	each		\$ 0.10	\$ 0.40	\$ 0.40
				\$ 5.85	\$ 5.85