

CLASS: 1NMCT2

NAME: Tijtgat

FIRSTNAME: Gauthier

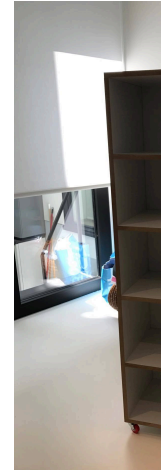
Assembly Name : SmartBooked

Assembly Revision : _____

Approval Date : _____

Part Count : 16

Total Cost : €178



Part #	Part Name	Description	Revision	Qty
1	MDF-paneel voorgeschilderd 244 x 122 x 1,8 cm	Wood used to make the ra construction of the bookshelf	/	1
2	Sencys universele schroeven 'Pozi' staal gebichromatiseerd 20 x 5 mm - 30 stuks	Screws used to keep the shelve and the RPI-Holder together	/	2
3	Raspberry Pi 7" screen	Screen used as Display (Table...)	/	1
4	Jumper Wires Female-Female (300 mm)	Used for Data Transport	/	1
5	Sencys universele schroeven 'Torx' staal gegalvaniseerd zware kwaliteit 60 x 4 mm - 120 stuks	Used for the shelf and the wheels	/	1
6	Sencys universele schroeven 'Pozi' roestvrij staal 20 x 3,5 mm - 30 stuks	Used for the shelf and the wheels	/	1
9	Everlight Opto 333-2SYGD/S530-E2 LED bedraad Groen Rond 5 mm 80 mcd 30 ° 20 mA 2 V	Used to scan the books	/	1
10	Raspberry PI 3 B	Main Controller	/	1
11	Yageo CFR-25JT-52-330K Koolfilmweerstand 330 kΩ Axiaal bedraad 0207 0.25 W 1 stuks	Resistor for led	/	1
12	Magnetische inbouwzoemer KPM-serie Geluidsontwikkeling: 85 dB 5 V= Inhoud: 1 stuks	Used to scan the books	/	1

13	Wagner wiel 'Eco' diam. 50 mm x 72 mm	Used for the shelf and the wheels	/	4
13	Jumper Wires Male-Male (300 mm)	Used for Data Transport	/	1
				16



Supplier	also available from	Units	Unit Cost
BRICO	MDF-Paneel 244 x 122 x 1,8 cm . (n.d.). Retrieved on March 08 2017, from https://www.brico.be/nl/houw-	€	15,99 €
BRICO	Sencys universal screws 'Torx' . (n.d.). Retrieved on March 08 2017, from https://www.brico.be/nl/gereedscha	€	3,99 €
AMAZON	5" Touch Screen . (n.d.). Retrieved on March 08 2017, from https://www.amazon.de/dp/B012A2ROHC/ref=ne_3044161_1857401	€	62,00 €
SOSSOLUTIONS	7" Display . (n.d.). Retrieved on March 08 2017, from https://www.sossolutions.be/7-touchscreen-bundel-nlue-and-play-	€	6,95 €
BRICO	Screws . (n.d.). Retrieved on March 08 2017, from https://www.brico.be/nl/gereedscha	€	9,99 €
BRICO	Screws . (n.d.). Retrieved on March 08 2017, from https://www.brico.be/nl/gereedscha	€	2,99 €
CONRAD	Led . (n.d.). Retrieved on March 08 2017, from http://www.conrad.be/ce/nl/product/156238/Everlight-Onto-333-	€	0,10 €
CONRAD	Rpi model B . (n.d.). Retrieved on March 08 2017, from http://www.conrad.be/ce/nl/product/1419716/Raspberry-Pi-3-model-B-	€	45,00 €
CONRAD	Buzzer. (n.d.). Retrieved on March 08 2017, from http://www.conrad.be/ce/nl/product/717796/Magnetische-	€	0,04 €
CONRAD	Wiel . (n.d.). Retrieved on March 08 2017, from https://www.brico.be/nl/gereedscha	€	0,43 €

BRICO	Rpi model B . (n.d.). Retrieved on March 08 2017, from http://www.conrad.be/ce/nl/product/1417700/Yageo-CER-25IT-52-	€	3,99 €
SOSSOLUTIONS	Jumper Wires Male - Male . (n.d.). Retrieved on March 08 2017, from https://www.sossolutions.be/premium-male-male-jumper-wires-40-x-		10,95 €

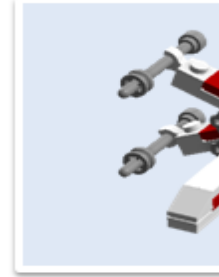
Max Cost	Real Cost
€ 15,99	€ 15,99
€ 7,98	€ 7,98
€ 62,00	€ 62,00
€ 6,95	€ 6,95
9,99 €	9,99 €
€ 2,99	€ 2,99
0,10 €	0,10 €
45,00 €	45,00 €
0,04 €	0,04 €
0,43 €	0,43 €

15,56 €	15,56 €
€ 10,95	€ 10,95
€ 177,98	€ 177,98

Bill of Materials for LEGO® Design

Voorbeeld enkel als illustratie van hoe je elementen oplijst!

Assembly Name : Mini X-Wing™
 Assembly Number : Custom
 Assembly Revision :
 Approval Date :
 Pieces : 46
 Total Cost : \$5,85

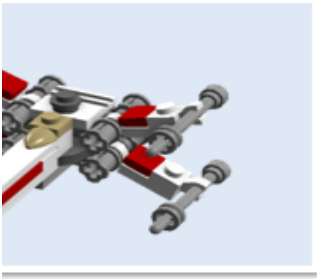


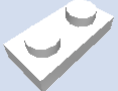

Category	Part #	Elem ID	Part Name	Color	Qty	Supplier
Bricks, Sloping	50746	4504369	ROOF TILE 1X1X2/3, ABS	1 - White	1	nephew
Plates	3024	302401	PLATE 1X1	1 - White	1	nephew
Plates	3023	302301	PLATE 1X2	1 - White	2	nephew
Plates	3023	4211398	PLATE 1X2	194 - Medium Stone Grey	1	nephew
Plates	3794	379401	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 guide		each		\$ 0,10	\$ 0,10	\$ 0,10
4500069: Plate 1X2 W. 1 Knob Brickset: LEGO set guide		each		\$ 0,10	\$ 0,10	\$ 0,10
4500069: Plate 1X2 W. 1 Knob Brickset: LEGO set guide		each		\$ 0,10	\$ 0,20	\$ 0,20
4500069: Plate 1X2 W. 1 Knob Brickset: LEGO set guide		each		\$ 0,10	\$ 0,10	\$ 0,10
4500069: Plate 1X2 W. 1 Knob Brickset: LEGO set guide		each		\$ 0,10	\$ 0,10	\$ 0,10
4500069: Plate 1X2 W. 1 Knob Brickset: LEGO set guide		each		\$ 0,10	\$ 0,10	\$ 0,10
4500069: Plate 1X2 W. 1 Knob Brickset: LEGO set guide		each		\$ 0,10	\$ 0,10	\$ 0,10
4500069: Plate 1X2 W. 1 Knob Brickset: LEGO set guide		each		\$ 0,15	\$ 0,15	\$ 0,15
4500069: Plate 1X2 W. 1 Knob Brickset: LEGO set guide		each		\$ 0,10	\$ 0,10	\$ 0,10
4500069: Plate 1X2 W. 1 Knob Brickset: LEGO set guide		each		\$ 0,10	\$ 0,40	\$ 0,40
4500069: Plate 1X2 W. 1 Knob Brickset: LEGO set guide		each		\$ 0,10	\$ 0,10	\$ 0,10

4500069: Plate 1X2 W. 1 Knob Brickset: LEGO set guide	each		\$ 0,15	\$ 0,60	\$ 0,60
4500069: Plate 1X2 W. 1 Knob Brickset: LEGO set guide	each		\$ 0,20	\$ 0,20	\$ 0,20
4500069: Plate 1X2 W. 1 Knob Brickset: LEGO set guide	each		\$ 0,15	\$ 0,60	\$ 0,60
4500069: Plate 1X2 W. 1 Knob Brickset: LEGO set guide	each		\$ 0,15	\$ 0,60	\$ 0,60
4500069: Plate 1X2 W. 1 Knob Brickset: LEGO set guide	each		\$ 0,20	\$ 0,20	\$ 0,20
4500069: Plate 1X2 W. 1 Knob Brickset: LEGO set guide	each		\$ 0,10	\$ 0,10	\$ 0,10
4500069: Plate 1X2 W. 1 Knob Brickset: LEGO set guide	each		\$ 0,10	\$ 0,40	\$ 0,40
4500069: Plate 1X2 W. 1 Knob Brickset: LEGO set guide	each		\$ 0,15	\$ 1,20	\$ 1,20
4500069: Plate 1X2 W. 1 Knob Brickset: LEGO set guide	each		\$ 0,10	\$ 0,40	\$ 0,40
				\$ 5,85	\$ 5,85

