

Class	1CTAI
First Name:	Nataliia
Name	Riddick
Project Name :	DAINO
Assembly Revision :	1
Approval Date :	
Part Count :	14
Total Cost :	€265

Part #	Part Name	Description	Revision	Qty
1	Raspberry Pi 5 + cooler + SD card	main processing unit	1	1
2	Servo motor	for opening and closing the jaw of the toy	1	1
3	LED	for illuminating objects inside the toy's mouth for the camera	1	1
4	Mini external USB stereo speaker	for audio instructions and feedback	1	1
5	Jumper wires	for connecting the LED and servo motor to the board	1	1
6	Color objects	objects for computer vision detection	1	1
7	USB webcam	for object detection	1	1
8	PVA glue	for shaping the prototype	1	1
9	Acrylic paint	for painting the toy's body	1	1
10	Primer	for preparing the toy's body for paint	1	1

11	Paint brushes	for painting the toy	1	1
12	Super fine papier-mache	for sculpting the details of the toy's body	1	1
13	Paper tape	for fixing the cables to the inner wall's of the toy	1	1
14	Hot glue gun	for assembling the toy's body	1	1
Total				14



(picture can only be added with END delivery of pr

Supplier	also available from	Units	Unit Cost
https://www.raspberrystore.nl/PrestaShop/nl/raspberry-pi-5/513-raspberry-pi-5-8gb-starter-pack-2023.html		1	129.00
https://www.unikits.be/product/howest-mct-rpi/	https://www.unikits.be/product/howest-mct-rpi/	1	\$ 5.99
https://www.madgob.com/products/ws2012-b-8-16-24-35-45-leds-pixel-ring-adresseerbare-led-modules-ws2812-ic-rgb-full-color-ronde-led-cirkel-https://www.adafruit.com/product/3369	https://www.madgob.com/products/ws2012-b-individueel-adresseerbare-pixel-ring-1378121624-leds-ws2812-ingebouwde-ic-5050-1306870?language=nl&ac=Proc	1	\$ 6.80
		1	\$ 12.50
https://www.adafruit.com/product/3369		1	\$ 2.99
https://www.adafruit.com/product/3369	https://www.adafruit.com/product/3369	1	\$ 23.99
https://www.adafruit.com/product/3369	https://www.adafruit.com/product/3369	1	\$ 9.48
https://www.adafruit.com/product/3369	https://www.adafruit.com/product/3369	1	\$ 14.99
https://www.adafruit.com/product/3369	https://www.adafruit.com/product/3369	1	\$ 10.99
https://www.adafruit.com/product/3369	https://www.adafruit.com/product/3369		\$ 12.85

Exerz JH024 Artist Brush Set - 10 Pieces Professional Synthetic Bristle Brushes in Protective Case / Perfect for Watercolor, Porcelain, Papier-Mache, White Porcelain	KEVIN&SASA CRAFTS 24 Pieces Professional Paint Brushes Set with Wooden	1	\$	9.99
Modelling Clay, Air Dry, for Modelling Fine Porcelain Objects, 400 g Bag, Beige :	Rayher Porzella - finest papier mâché, 400 g - buy at Galaxus	1	\$	11.17
Ruban adhésif tesa Economy Beige 30 mm (l) x 50 m (L) Papier Viking Direct BE	Viking Afplaktape Wit 25 mm (B) x 50 m (L) Crêpepapier Laag geluidsniveau Viking	1	\$	3.07
Pattex Made at Home Glue Gun, Glue Gun for Creative Crafts, Kit Includes 1 x Glue Gun and 6 x 11 mm Diameter Hot Glue Sticks : Amazon.com.be: Tools &	Pattex Made at Home Lijmpistool 70 W 1 stuk(s) kopen ? Conrad Electronic	1	\$	11.56



object!)

Max Cost	Real Cost
129.00	
€ 5.99	
€ 6.80	
€ 12.50	
€ 2.99	
€ 23.99	
€ 9.48	
€ 14.99	
€ 10.99	
€ 12.85	

€ 9.99

€ 11.17

€ 3.07

€ 11.56

265.37