

ΥΛΙΚΑ ΚΑΙ ΠΡΟΥΠΟΛΟΓΙΣΜΟΣ ΕΡΓΟΥ					
	ΠΕΡΙΓΡΑΦΗ ΥΛΙΚΟΥ	ΤΕΜΑΧΙΑ	ΤΙΜΗ/ΤΕΜ	ΠΟΣΟ	ΣΥΝΔΕΣΜΟΣ
Βραχίονας	Ελεγκτής Βραχίονα - Arduino Uno	1	14.88	14.88	<a href="https://www.hellasdigital.gr/go-create/kits/arduino-uno-r3-new-starter-kit/">https://www.hellasdigital.gr/go-create/kits/arduino-uno-r3-new-starter-kit/</a>
	Σερβοκινητήρας - Servo Micro 1.8kg.cm Metal Gears (Feetech FS90MG)	4	7.9	31.6	<a href="https://grobotronics.com/servo-micro-1.8kg.cm-metal-gears-feetech-fs90mg.html">https://grobotronics.com/servo-micro-1.8kg.cm-metal-gears-feetech-fs90mg.html</a>
	Ποτενσιόμετρο Potentiometer Linear 5Kohm - D6mm H9mm PCB	4	0.5	2	<a href="https://grobotronics.com/potentiometer-linear-5kohm-d6mm-h9mm-pcb.html">https://grobotronics.com/potentiometer-linear-5kohm-d6mm-h9mm-pcb.html</a>
	Μπουτόν - Momentary Button - Panel Mount (Green)	2	0.5	1	<a href="https://grobotronics.com/momentary-button-panel-mount-green.html">https://grobotronics.com/momentary-button-panel-mount-green.html</a>
	Ηχητικός Βομβητής - Buzzer 5V	1	0.4	0.4	<a href="https://grobotronics.com/buzzer-5v.html">https://grobotronics.com/buzzer-5v.html</a>
	Bluetooth Module for Arduino - HC05	1	6.8	6.8	<a href="https://grobotronics.com/bluetooth-module-for-arduino-hc05.html">https://grobotronics.com/bluetooth-module-for-arduino-hc05.html</a>
	Υλικά 3D Εκτύπωσης- 3D Printer Filament - PLA 1.75mm 1kg	1	22	22	<a href="https://grobotronics.com/3d-printer-filament-devil-pla-1.75mm-hot-red-1kg.html">https://grobotronics.com/3d-printer-filament-devil-pla-1.75mm-hot-red-1kg.html</a>
Γραμμή	Βηματικός Κινητήρας - Nema 17 Stepper Motors	1	15.9	15.9	<a href="https://grobotronics.com/stepper-motor-42byghw804.html">https://grobotronics.com/stepper-motor-42byghw804.html</a>
	Οδηγός Κινητήρα - για Dual Motor Driver Module L298N	1	4.2	4.2	<a href="https://grobotronics.com/dual-motor-driver-module-l298n.html">https://grobotronics.com/dual-motor-driver-module-l298n.html</a>
	Διακόπτες - Switch Assortment Kit	1	7.9	7.9	<a href="https://grobotronics.com/tact-switch-assortment-kit-6x6x5mm-4pins-160pcs.html">https://grobotronics.com/tact-switch-assortment-kit-6x6x5mm-4pins-160pcs.html</a>
	Ακροδεκτες Καλώδια - Terminal Assortment Kit	1	6.9	6.9	<a href="https://grobotronics.com/bootlace-ferrule-terminal-assortment-kit-400pcs.html">https://grobotronics.com/bootlace-ferrule-terminal-assortment-kit-400pcs.html</a>
Σταθμοί	Raspberry Pi 400 Personal Computer Kit	1	119.9	119.9	<a href="https://grobotronics.com/raspberry-pi-400-personal-computer-kit-us-keyboard.html">https://grobotronics.com/raspberry-pi-400-personal-computer-kit-us-keyboard.html</a>
	Καλώδιο HDMI σε Micro HDMI 1.8m Μαύρο	1	4.8	4.8	<a href="https://grobotronics.com/hdmi-to-micro-hdmi-male-1.8m-black.html">https://grobotronics.com/hdmi-to-micro-hdmi-male-1.8m-black.html</a>
	Ρομποτικό Ελεγκτής- Raspberry Pi Zero 2 W	1	20	20	<a href="https://www.hellasdigital.gr/go-create/raspberry-and-accessories-el/raspberry-pi/raspberry-pi-zero-2-w/">https://www.hellasdigital.gr/go-create/raspberry-and-accessories-el/raspberry-pi/raspberry-pi-zero-2-w/</a>
	Καλώδιο HDMI to miniHDMI 2m	1	6.5	6.5	<a href="https://www.hellasdigital.gr/tv-and-multimedia-el/hdmi-el/cables/hdmi-to-minihdmi/value-hdmi-to-minihdmi-2m-type-c-gold-plated-v1-3-11.99.5580/">https://www.hellasdigital.gr/tv-and-multimedia-el/hdmi-el/cables/hdmi-to-minihdmi/value-hdmi-to-minihdmi-2m-type-c-gold-plated-v1-3-11.99.5580/</a>
	Κάρτα Μνήμης - microSDHC 16GB Class 10	2	6.99	13.98	<a href="https://www.hellasdigital.gr/smartliving/action-cameras/sandisk-ultra-microsdhc-16gb-class-10-uhs-i-with-adapter-80mb-s/">https://www.hellasdigital.gr/smartliving/action-cameras/sandisk-ultra-microsdhc-16gb-class-10-uhs-i-with-adapter-80mb-s/</a>
	Τροφοδοτικό	1	6.99	6.99	<a href="https://www.hellasdigital.gr/smartliving/chargers/lamtech-quick-charger-usb3.0-18w-with-micro-usb-cable-1m-white-lam021974/">https://www.hellasdigital.gr/smartliving/chargers/lamtech-quick-charger-usb3.0-18w-with-micro-usb-cable-1m-white-lam021974/</a>
	Σύνδεση με BreadBoard- T-Type GPIO Extension Board + 40 Pins Rainbow	1	4.34	4.34	<a href="https://www.hellasdigital.gr/go-create/raspberry-and-accessories-el/raspberry-pi/t-type-gpio-extension-board-40-pins-rainbow-cable-for-raspberry-pi-3/">https://www.hellasdigital.gr/go-create/raspberry-and-accessories-el/raspberry-pi/t-type-gpio-extension-board-40-pins-rainbow-cable-for-raspberry-pi-3/</a>
	Βίδες Παξιμάδια- Bolts & Nuts Assortment Kit M3, M4, M5 - 275pcs	1	4.9	4.9	<a href="https://grobotronics.com/bolts-and-nuts-assortment-kit-m3-m4-m5-275pcs.html">https://grobotronics.com/bolts-and-nuts-assortment-kit-m3-m4-m5-275pcs.html</a>
	1 on/off switch	Απο ανακύκλωση Μηχαμημάτων Σχολείου (παλαιά CDROM drive - Φωτοτυπικό-κ.τ.λ) , Κατασκευών Σχολείου κ.τ.λ			
	1 DC power jack				
	Power adapter 5V - 2A				
	Ξυλεία				
ΣΥΝΟΛΟ		294.99			