

Physical Computing 1 – (Artillery Rocket Simulator -- Parts List)

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List of Parts Used:

1 x Arduino Mega 2560 (From Starter Kit)	2 x 220 Ohm resistors (From Starter Kit)
2 x Red LED (From Starter Kit)	1 x ELEGOO Solderless Breadboard (From Starter Kit)
17 x Breadboard Jumper Wire (From Starter Kit)	8 x Female-to-Male Dupont Wire (From Starter Kit)
1 x Thrustmaster T1600M FCS https://www.amazon.co.uk/Thrustmaster-T-16000M-FCS-Hotas-PC/dp/B01H6KXGEI?th=1	2 x Hailege 0.36" 4-Digit Tube LED Segment Display Module. TM1637 https://www.amazon.co.uk/4-Digit-Segment-Display-Module-Arduino/dp/B07XQ2M188/ref=sr_1_1?keywords=Hailege+0.36%E2%80%9D+4-Digit+Tube+LED+Segment+Display+Module.+TM1637&qid=1702342063&sr=8-1
3 x SANWA OBSF-30 Original Push Button 30mm https://www.amazon.co.uk/Original-Japan-Buttons-OBSF-30-Arcade/dp/B00IJRKSHQ/ref=sr_1_4?crid=23OU6IJUFE4Q4&keywords=sanwa+obsf+30&qid=1702342082&srefix=sanwa+obs%2Caps%2C67&sr=8-4	2 x Heschen Metal Toggle Switch Flick Flip https://www.amazon.co.uk/dp/B07MDB56ZP?ref=nb_sb_ss_w_as-reorder_k0_1_38&=&crid=269ERBUPXPCUM&=&srefix=heschen+metal+toggle+switch+flick+flip

Build Tools:

1 x Gorilla Super Glue Gel https://www.amazon.co.uk/Gorilla-4044400-07222000595-Superglue-Clear/dp/B00CJ5EO2E/ref=sr_1_4?crid=1TO8NMT3GX91Q&keywords=gorilla+super+glue+gel&qid=1702342144&s=industrial&srefix=gorilla+super+glue+gel%2Cindustrial%2C64&sr=1-4	1 x 48mm Gorilla Tape Black https://www.amazon.co.uk/Gorilla-J0016-Tape-11m/dp/B001W030HC/ref=sr_1_5?crid=1U2OUNCS1VZFV&keywords=48mm%2B11m%2Bgorilla%2Btape%2Bblack&qid=1702342226&s=industrial&srefix=48mm%2B11m%2Bgoriilla%2Btape%2Bblack%2Cindustrial%2C57&sr=1-5&th=1
1 x 4mm Plywood panel (Hatchlab)	Epilog Laser Fusion Pro (Hatchlab)