You do not have to use these exact materials. These links can be used as reference for what you need.

1 Arduino Nano

https://www.amazon.com/ELEGOO-Pre-soldered-ATmega-Compatible-Arduino/dp/B0D5LYFRQP?crid=W1GZ0OYSJY5R&dib=eyJ2IjoiMSJ9.hHw19IfVTc6lc5jxd302RnB0lK826JRQat8mDqpsfNintuHNCVNHO01sF_06r2bS-MZHrT-OKS1pgLJcOo49jMrc9S7Vk1ul9X8TbC3V1otxnJQBMhcOn0WNWv0dHG4tRiS10TbQgtHFulNMVJASmRCx74trHRQ_Jdn-uOt1DUjFNWrHzTNlHOiztAp08kCdKNA29d0eOiFWuTDbsIImBKzEb4L08Gqej9QgSx5gweY.Fmh8Hmds68jtq9UZlaeMh9CzLjYAy735zOFMMVjA4J4&dib_tag=se&keywords=Arduino+nano&qid=1741048516&sprefix=arduino+nano%2Caps%2C192&sr=8-1

1 USB type mini B (male) to USB type A/C (male) (Depending on your device)

1 Breadboard (82mm x 54mm x 9 mm)

https://www.amazon.com/Pcs-MCIGICM-Points-Solderless-Breadboard/dp/B07PCJP9DY?crid=378RVAVQW5HJJ&dib=eyJ2IjoiMSJ9.kysEkFuknSsx6HNYYlrkwUhq_a3nKPTugQRiE2mrxXvyZ_y0GL5P8clYtOgQK0yY9e9KNtU61lzGpfyRxiMVVlpYcK6IHgxg0lh6gln4IV935HWsrpa-oXVz3N3ZJMDXtveqp_hMqnPZ6YTf4K59V3dIb712M2Nilc3HifyyvbBIv0aVDCe2Yak8jNqEL9tS7ZKKhfeKzDgs5TlqIclR-S66ZeAF6I6is3VXE2UnEZs._-uAHAhIKRwJsHu8mznAF9-ABA89uZ-E8RnqySNBu5U&dib_tag=se&keywords=small+breadboard&qid=1741046574&sprefix=small+breadboar%2Caps%2C155&sr=8-6

1 Solar panel (dimensions pending)

4 Resistors (10 kΩ)

https://www.amazon.com/10K-Resistor-Tolerance-Resistors-Resistance/dp/B0B4JFPHTW?crid=3QSYXOGCP428P&dib=eyJ2IjoiMSJ9.Ds1udzKr1AMB5VilN1ZGune4SPzV3eVVE4Y2zRRBN57THOTbt6Kn3kNaqJKRXq-WAuH3uBKmSpWpA_eLq0MN4z8eZbEUyRlVl6ui-gXeaNXtxAmItVl6EI99ECZNQWQiAaePN6ElhjCNUitHqY64wheBbGBaPk5PqrpfBkZix8d6e1B31Xg6v6mZWigMo16G23GF6oY7ltGo3J354oelJZZ8zbx_WgVQTrJdWTY9PZA.4T74v9kRt4K-1bk2d-bLWf5z0Vzs28fd28CTsdvz_ck&dib_tag=se&keywords=10k+ohm+resistor&qid=1741047375&sprefix=10kohm+%2Caps%2C225&sr=8-4

4 Photoresistors

https://www.amazon.com/eBoot-Photoresistor-Sensitive-Resistor-Dependent/dp/B01N7V536K?crid=QN02VTN2TFQZ&dib=eyJ2IjoiMSJ9.4ay-yL4ybE9R-GeBWh8g9spyKQ2K1nmRxegbX1Ue6gaN7XlnIBwjG3nfHP_uxE6dcO9rhejqSvlHQTG1hZQKg03smZCGqsUBRYmU-q5yZ5QjoBQtf5ysoD2HzWJWjzd1OXDDaSed1Jo0rOj88p8VswmWIQSEZwH-apaoFFTJr0R8epxjBOPJqcqy6F01mRWhiMc1CTS6KblLohkklUn5SdkySK5MntB-Oki9kRoDDiU.X9TQk5tO2FCjMK8MPlTnG2n3

vTBg81MZv4k4ztDk5v8&dib_tag=se&keywords=photo%2Bresistors&qid=1741047309&sprefix=photo%2Bresistor%2Caps%2C220&sr=8-3&th=1

2 SG90 servo motors and rotor blades

https://www.amazon.com/Micro-Servos-Helicopter-Airplane-Controls/dp/B07MLR1498?crid=2HU28MV95MU5&dib=eyJ2IjoiMSJ9.Vg3zWlmbXTda-w-S8LOFTUhngw9UBoIpn2Tke-TTApV7HYysTKyPOWx-n2M77keGvbv73DKO57bRwRfqzpCIDb65Rrs9nA_lDJ1z7wQKQQdCOShnvrcB6-3ox9oDPx1U5fGlD9-RVjNLn947EtLVSQ-LdJw_b1u38BkmHy8TXNihrKKbJBpD18xiLtgEaIV7vzotKY8mk7b3NYwdMEMmcGKldybOOAVJqNnjRw9bRbnv7nLSMyXZtLbhqL3h168F-5GO9hnm0Ne2I9Azeixnu_RaQzXHa2cx9h3dkOSAIWTiwpKfVuvGd9A0pC5SEyHR0_zkqOMND8maBYnZt5t-iWoVFRShEBFHZyHtQ1-p9I0YA_mVj1DTQdW94rWsUw-ciP-L5Yc3vR1Z8RHQ4SfLjYTwpkqQyC9BHZArBL5ThmEkTK54oKSGf7WrkmSrEtnt.wuaA_C6q_k9PaysZga3W4y1BdGJwq_pmdFp-CAcEj6E&dib_tag=se&keywords=sg90%2Bservo%2Bmotor&qid=1741047397&sprefix=sg90%2Bser%2Caps%2C241&sr=8-5&th=1

3 3D printed parts (solar panel mount, breadboard base, and servo to servo connector piece):

- https://cad.onshape.com/documents/eef44d8a1125536acff9086a/w/da7723674de3276ea3c64748/e/a0061b86a7e5ab36759d45d8?renderMode=0&uiState=67c649c8916e722f3343a0b1
- https://cad.onshape.com/documents/eb3896d06ea33a662959ce07/w/cdcd9218a89535646cc3b3b4/e/40605383c44492e334f90857?renderMode=0&uiState=67c649e04169902a239dd6ab
- https://cad.onshape.com/documents/422335432638110f25a848c2/w/cebb42f7896ababe2b9bdf4c/e/cfcba5000c6d685ff71f68d9?renderMode=0&uiState=67c64a27e915056adb377be7

Super Glue

Jumper Wires (Need Both)

https://www.amazon.com/Elegoo-EL-CP-004-Multicolored-Breadboard-arduino/dp/B01EV70C78?crid=1BP32LNFDUKCN&dib=eyJ2IjoiMSJ9.tjHxIQLJsk16_0YVtUGN6Tqnr8euWNsWVjpSaq5RQkbzkWrZ9zwE7F8lZo2IcDLpdQRll4Bkon1oTzbds_Od982O22Niu0TKLICq057pweR7M3NVbZ-X_-OezYfaY7nBWGJ-GQa_naxmqgVMSf2d_xnXFvmIUTbNnITrDRK_fgA8mexZvpn6RxxKadM-YvvEP3ZcYLi3adwkGFnmVv2qN_9mPDOV7IWfEJTshoQdrmo.PrgkOznL66riRnnofBldUjS5hZ-1QF3yfmJkCv5dMhQ&dib_tag=se&keywords=jumper+cable+breadboard&qid=1741048457&sprefix=jumper+cable+breaboar%2Caps%2C248&sr=8-3

https://www.amazon.com/MCIGICM-Breadboard-Jumper-Cables-Arduino/dp/B081GMJVPB?crid=15OIO9Y2QPP7Z&dib=eyJ2IjoiMSJ9.tjHxIQLJsk16_0YVtUGN6eY5DcByK_7UqHuaN27c6YPXNiobBCjKnBPzYZ6fw156k5tm

[YrmYPSI5dTrImAQFI1raBZXqMICf8ceaGDORKvvH9guSLzGu_DLL5j7EcH
mqlZ9HpueTXJKaq_vTLq7cK_3fuUhxmnr8KbZjODanLOlIFoiocOKaVESPX
CSca4Tj3qX-X684ew74usfxMri6nyI4_y539vzovSxCbUk45TM.gaq98Rm-1g
6yzJ5XLN-YX8G-jGF1leTaBKuf_Kdt4_0&dib_tag=se&keywords=jumper+c
ables+flat+breadboard&qid=1741048479&sprefix=jumper+cables+flat+b
readboar%2Caps%2C194&sr=8-8](#)

Instruments that may come in handy:
- Multimeter