Activity 3.2: _Shade Test_

Task 1: LunaSat Set-Up
- ☑ ~~Install P8 and P6 Jumpers~~
- ☑ ~~Connect the LunaSat to the FTDI~~
- ☑ ~~Select the correct board, processor and port~~
- ☑ ~~Load the "LunaSat_Solar_Panel_Voltage.ino" file onto your LunaSat~~
- ☑ ~~Verify and Upload the code~~
- ☑ ~~Enable the serial plotter in Arduino IDE (tools -> serial plotter)~~

Task 2: Changing the Angle
- ☑ ~~Turn off ambient lights in the room~~
- ☑ ~~Put the LunaSat under a strong source of direct light~~
- ☑ ~~Manipulate the LunaSat and light source to observe different relative angles~~
- ☑ ~~Record your findings below~~

Trial	Angle of Light	Voltage Output
01	0	2,2 V
02	30	1,8 V
03	45	1,7 V
04	60	1,5 V
05	90	0,7 V

Task 3: Changing the Amount of Light
Test out different materials to shield the solar panels and record your findings.

Trial	Material	Voltage Output
01		
02		
03		
04		
05		