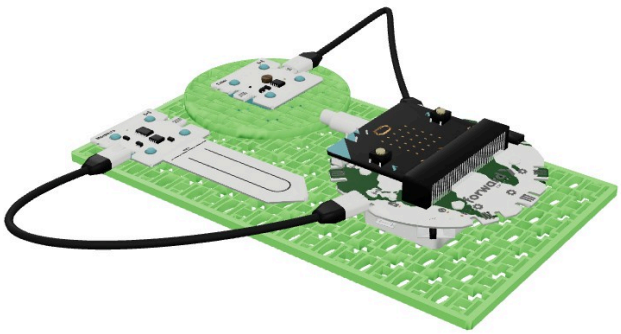
Habitat Monitoring

9 steps · 9 parts



You will need



1 × Base Plate



1 × Back-to-Back Connector



1 × Circle



1 × Breakout Board



1 × Solar Sensor



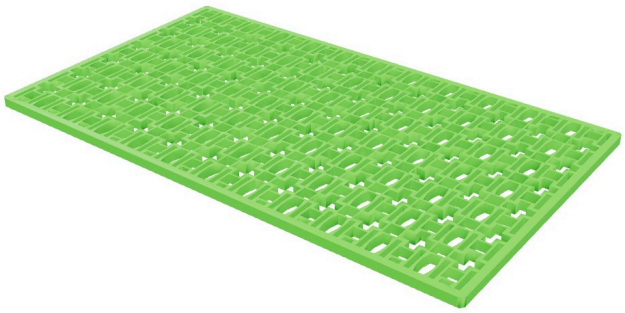
1 × Moisture Sensor



2 × Long Cable Connector



1 × Micro USB Cable

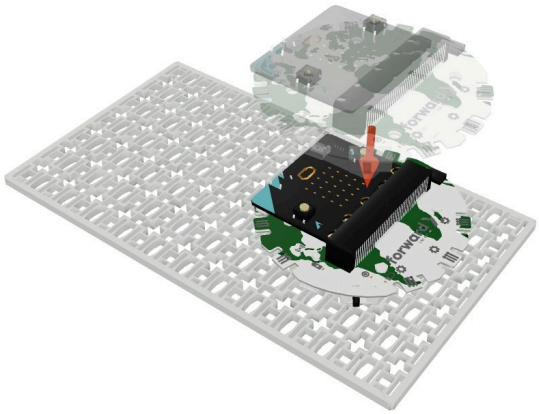


1

Start with a Base Plate laying flat on the build surface.



1 × Base Plate

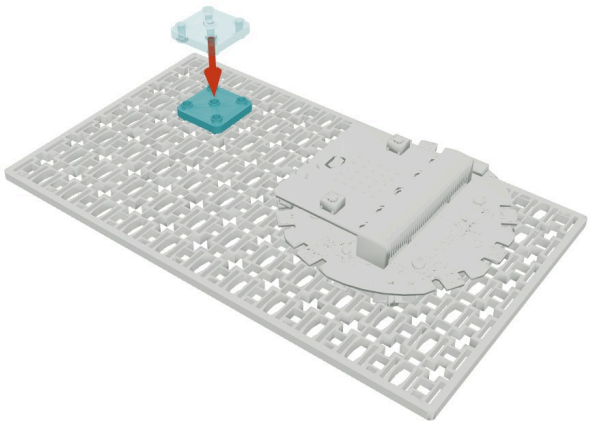


2

Attach a Breakout Board to the bottom of the Base Plate, with a micro:bit inserted.

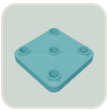


1 × Breakout Board

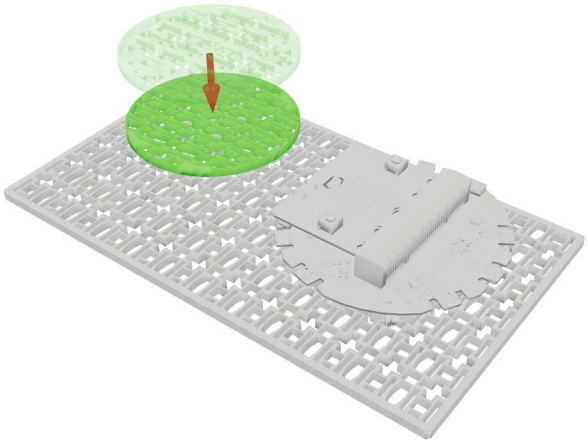


3

Add a Back-to-Back Connector to the top right corner of the Base Plate.



1 × Back-to-Back Connector

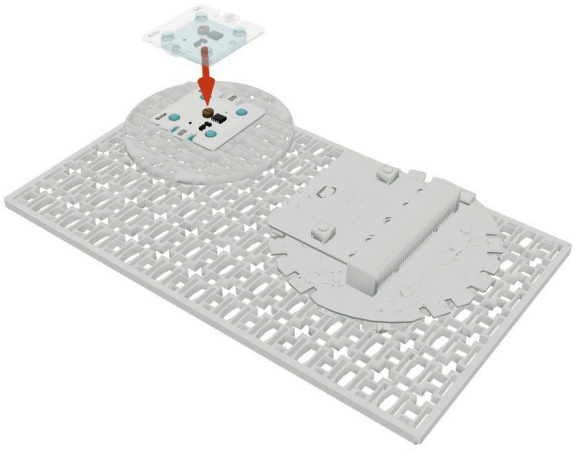


4

Attach a Circle on top of that Back-to-Back Connector.



1 × Circle



5

Attach a Solar Sensor on top of that Circle.



1 × Solar Sensor

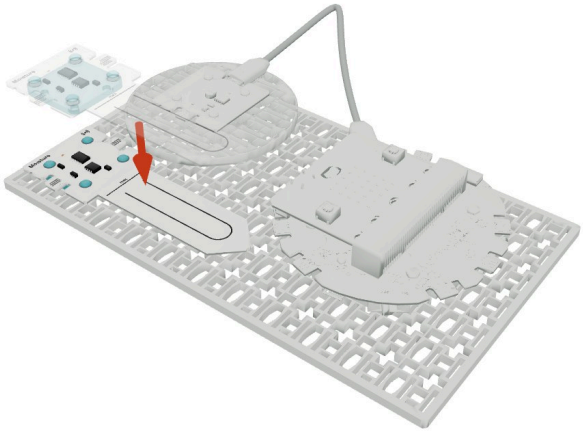


6

🔌 Connect the Solar Sensor to a sensor port on the Breakout Board.



1 × Long Cable Connector

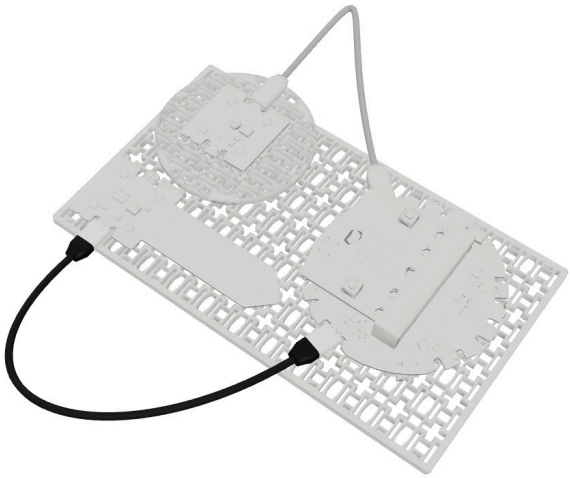


7

Attach a Moisture Sensor to the top left side of the Base Plate.



1 × Moisture Sensor

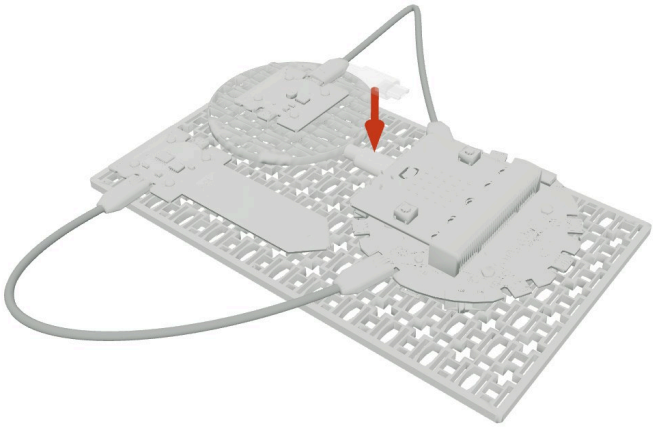


8

🔌 Connect the Moisture Sensor to a sensor port on the Breakout Board.



1 × Long Cable Connector



9

Connect the microUSB cable to the micro:bit and the other end to your computer.



1 × Micro USB Cable