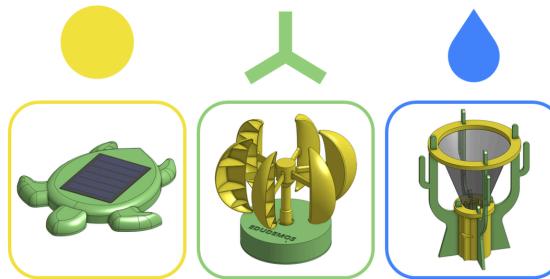
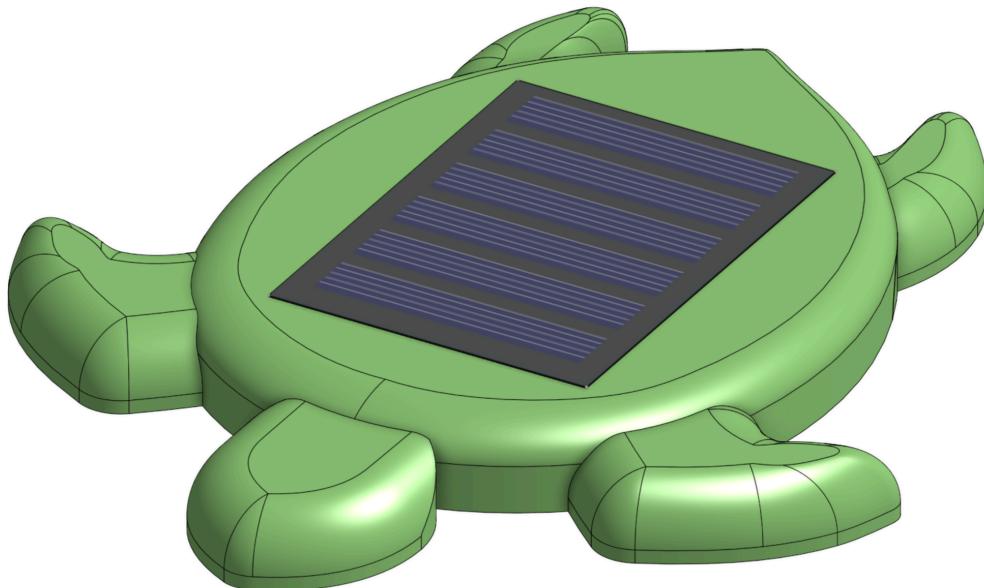




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Assembly Guide Modular Weather Station Solar Module



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Materials

Electrical Components

- 1x Solar panel (Includes wires)

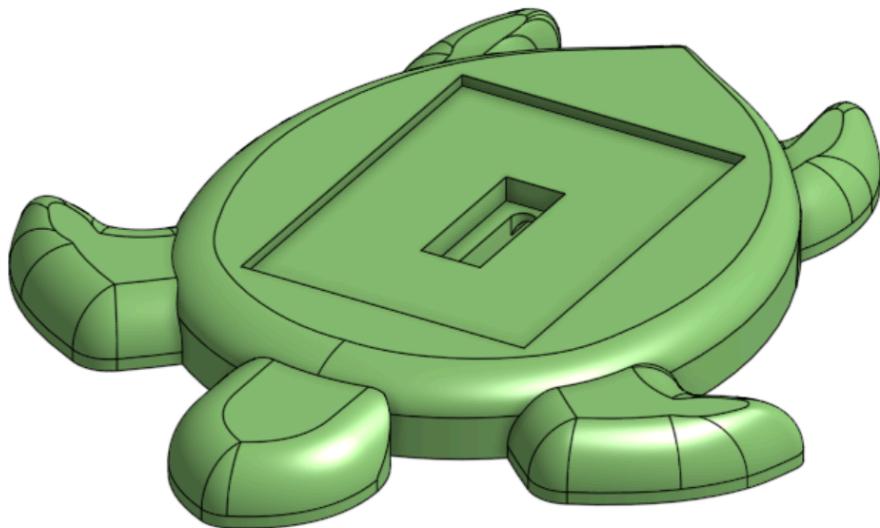
3D-Printer

- 3D-Filament for the Turtle (ca. 45g)

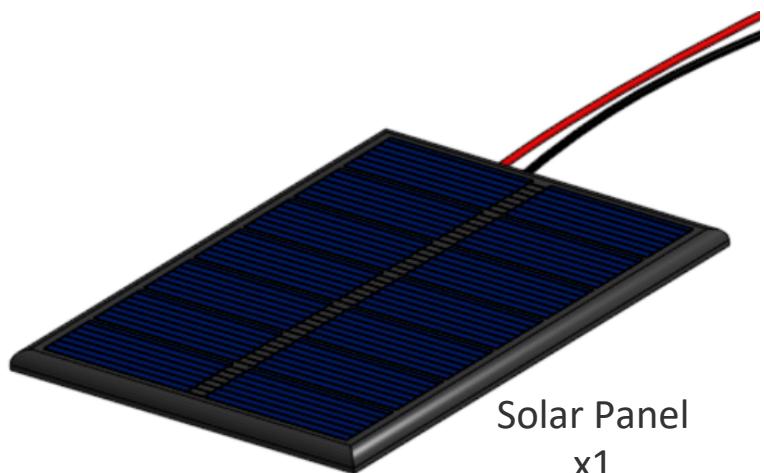
Optional

- 2x Jumper M-M wire to extend the included wires from the solar panel
- 2x Lusterterminals to connect those extension wires to the wires from the solar panel

Materials



Turtle
x1



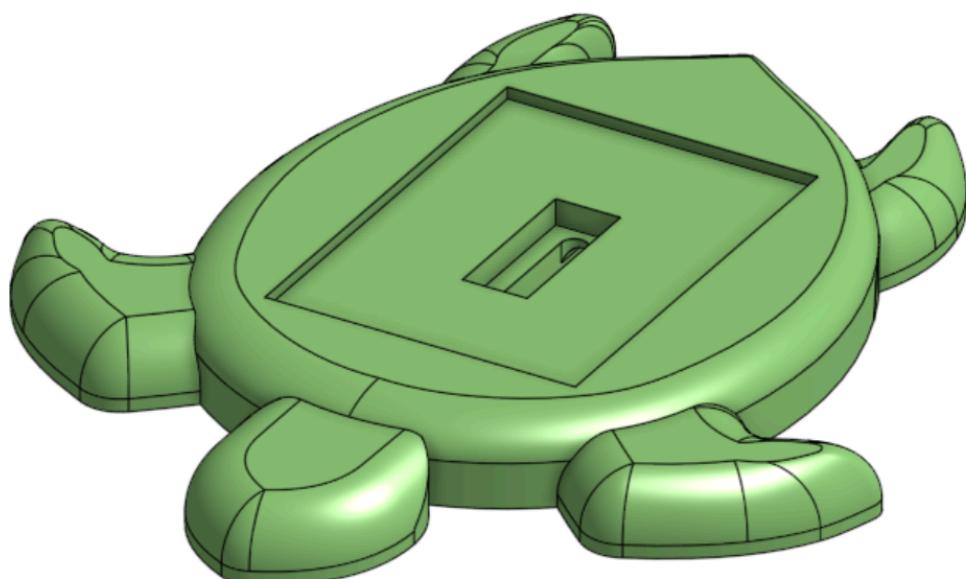
Solar Panel
x1

Total **2**
elements

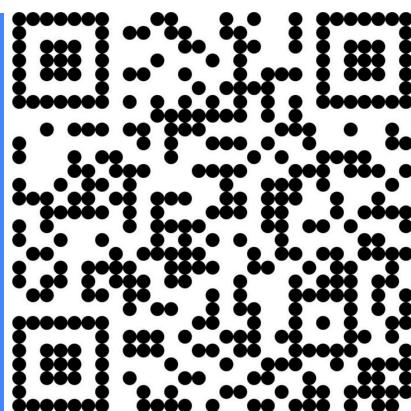
Step by step

Instructions

a. Print the Turtle on any 3D-Printer

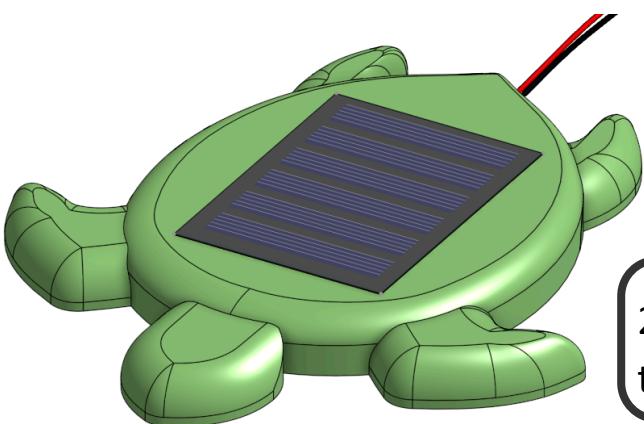
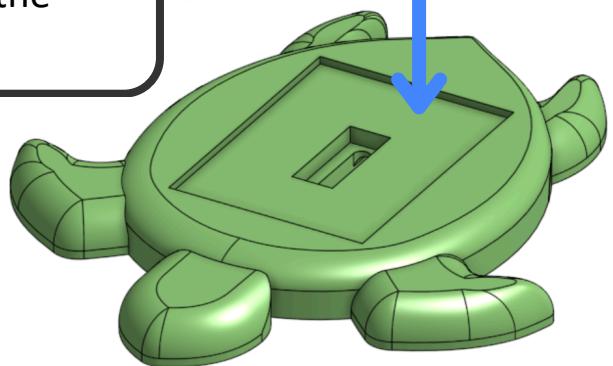
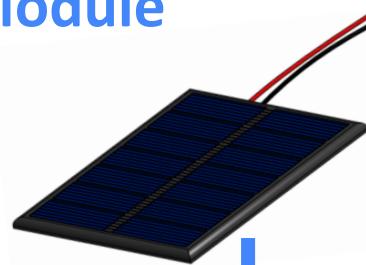


The STL-printfiles
are available on
the EduDemoS
webpage.



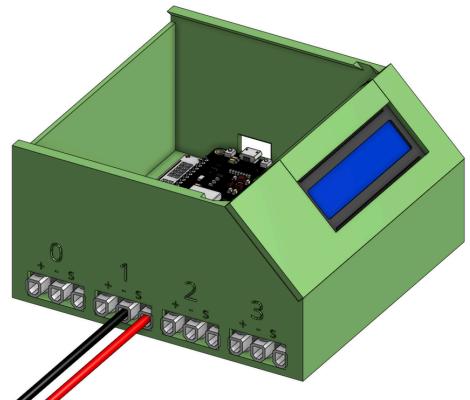
b. Building the Solar Module

1. Place the solar panel on the turtle
 - Make sure that the wires are fed through the hole in the turtle



2. It should look similar to the picture on the left

3. Connect the solar panel to the control box. Make sure the **black wire** is connected to the “-” and the **red cable** is connected to the “+”



What other modules can you imagine?

Personalize your own demonstrator,
and share your ideas and feedback
with us at

edudemos@technikmachtspass.org

Attachments

Licensing

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All Circuits were created with [Fritzing](#).

Some images are based on moduls from [GrabCAD Library](#).



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