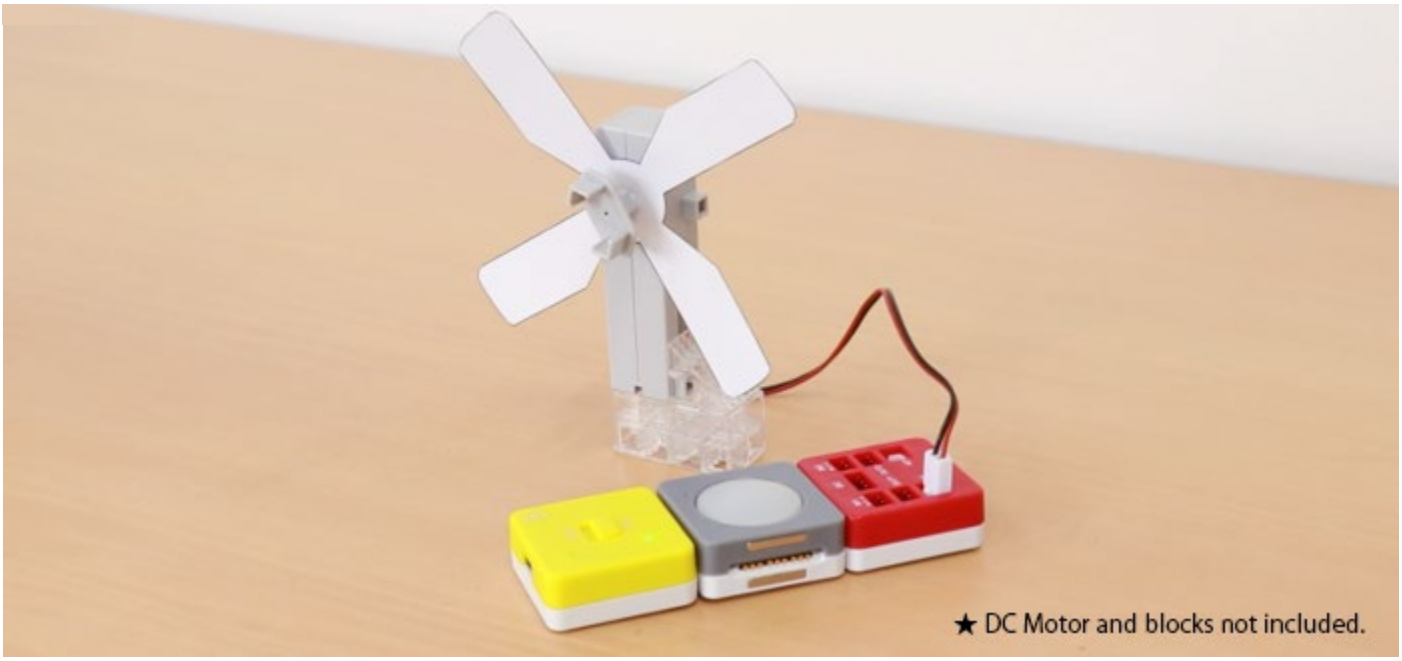
Cooling Fans

Observe and Learn



Technical Support

Artec Co., Ltd. Customer Support

[TEL] +81-72-990-5510

[Online] https://www.artec-kk.co.jp/en/contact/

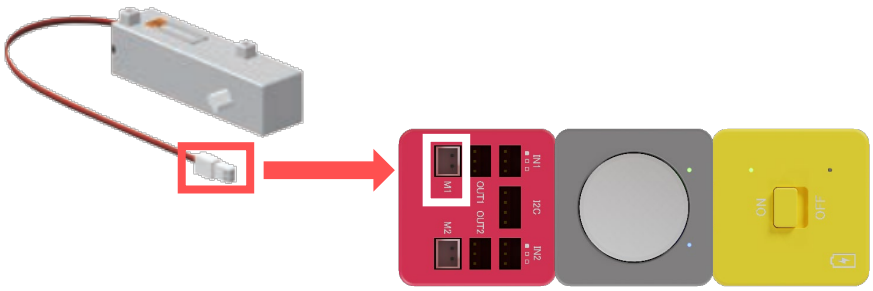
Start Building

① Connect your expansion units to the Main Unit. You can connect any expansion unit other than the Battery Pack to any side of the Main Unit!





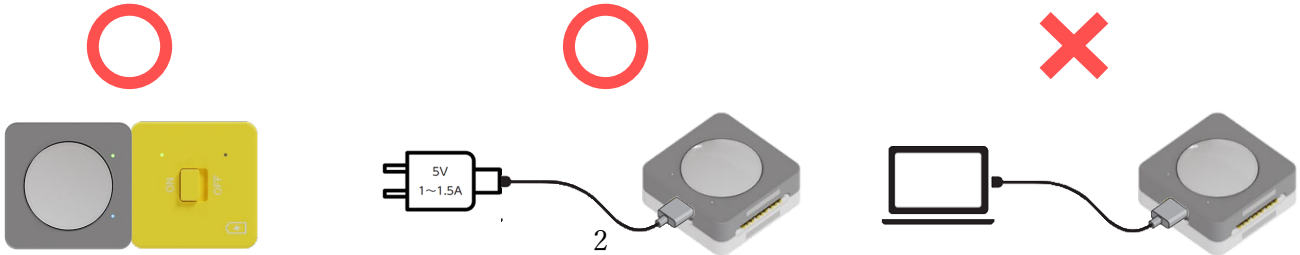
② Connect the DC Motor to M1 on the I/O Unit.



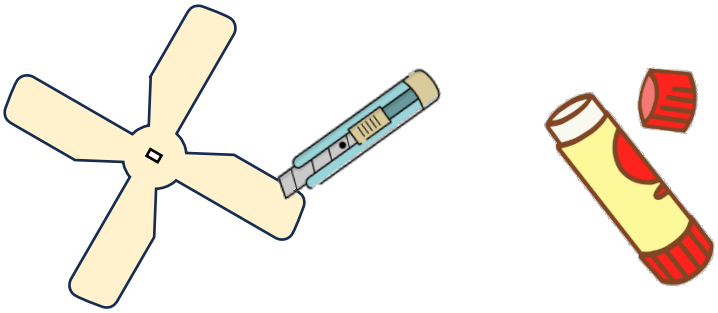
For information on peripherals like USB cables, AC adapters, and motors, check the website below.
https://www.artec-kk.co.jp/en/arteclinks/product/

If you don't have a Battery Pack, try using a USB cable to connect a power bank or AC adapter (5 V, 1-1.5 A)!

When using the I/O Unit to run a motor, always power the Main Unit with a Battery Pack or AC adapter. You can't use motors with USB power!

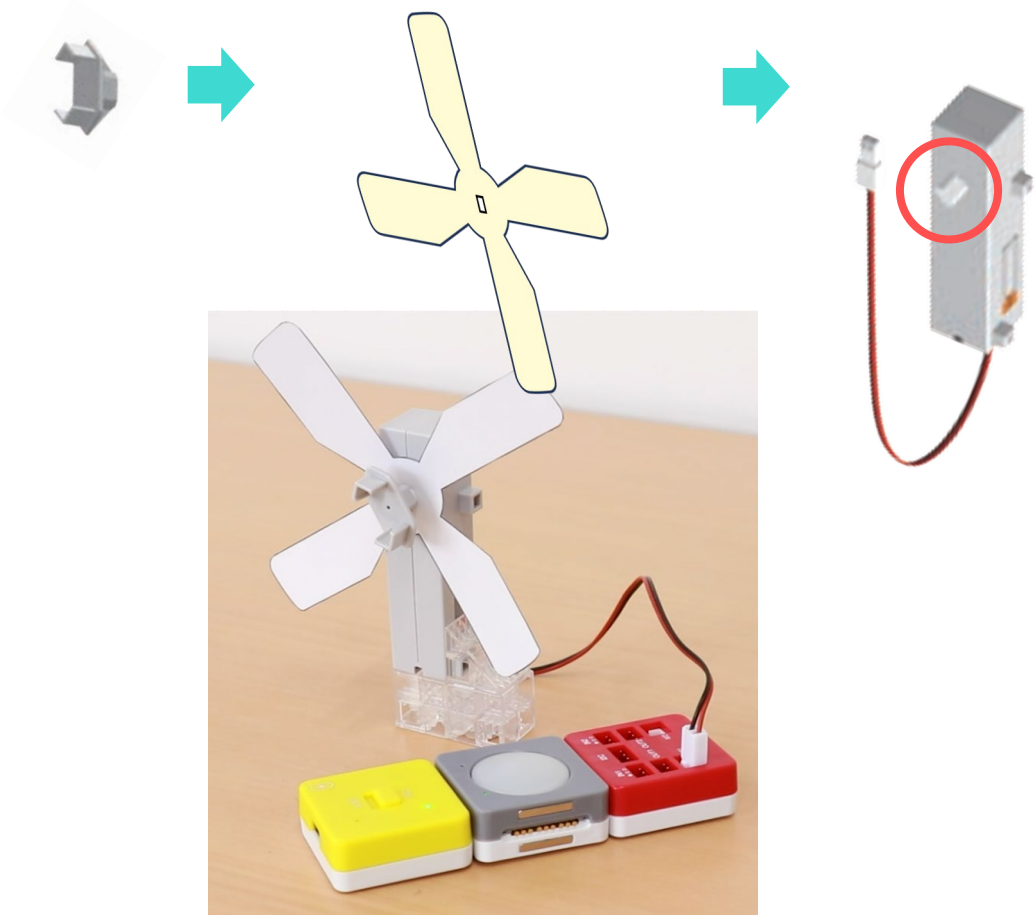


③ Print the fan blade on page 6 onto plain A4 paper and cut it out!



You can print the blade out on one sheet of regular paper,
or glue together three sheets of paper to make it sturdier!

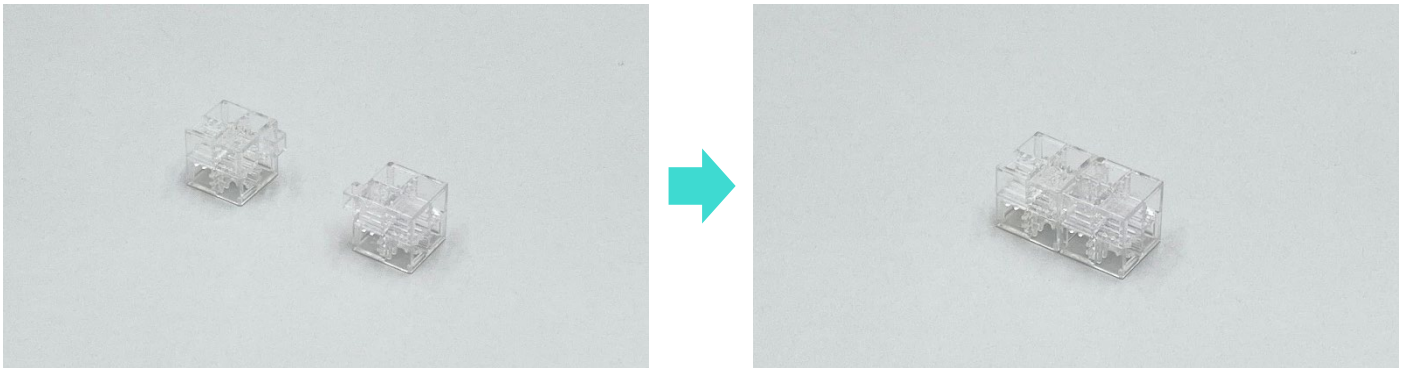
Take the DC Motor connectors off and add your fan blade. Now put the connectors back on!



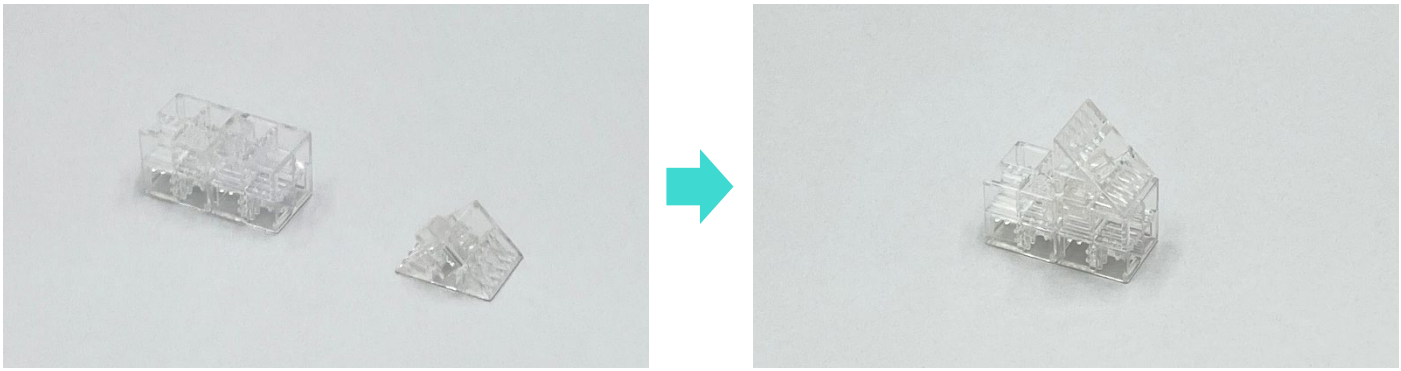
The mount for the DC Motor is made using a clear Artec Blocks cube and triangle.
Contact your local Artec representative to find out where you can buy them!

The Blocks

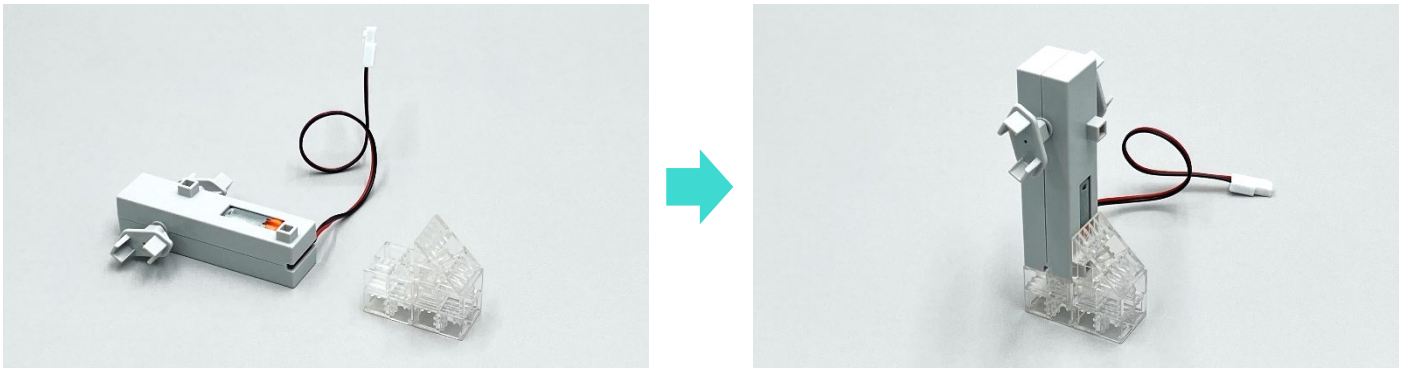
①



②

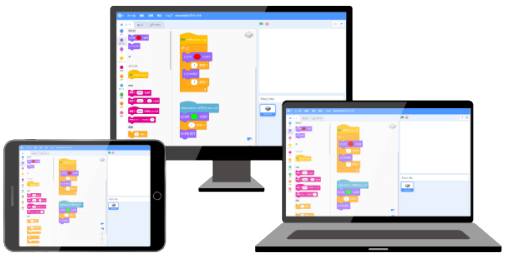


③



How to Use

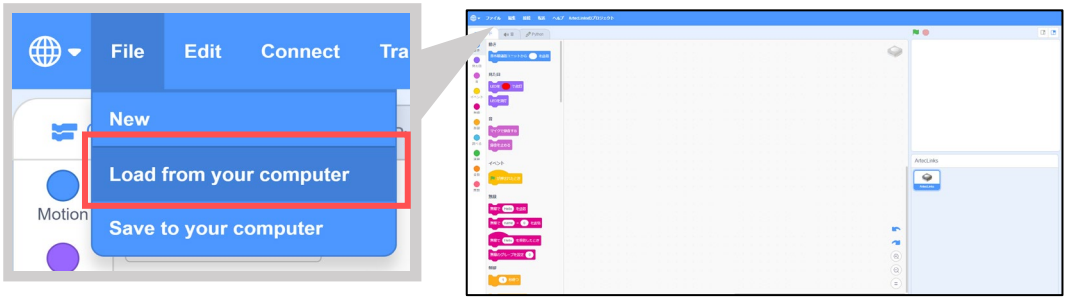
① Open the Artec Links software.



Go to the website below to download the installable version of the software or open the app in your browser!

https://www.artec-kk.co.jp/en/arteclinks/software/

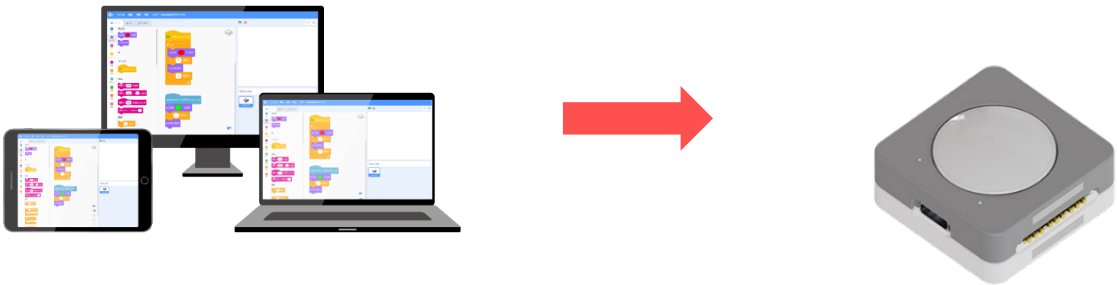
② Go to File and choose Load from your computer to open the sample program for [Observe and Learn] Cooling Fans.



Use sample programs from the official website below!

https://www.artec-kk.co.jp/en/arteclinks/sample/

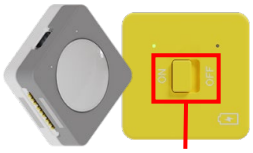
③ Transfer the sample program from your device to the Main Unit to see how it works!



Follow different steps to transfer based on the software and device you're using. Check the instructions on the website below!

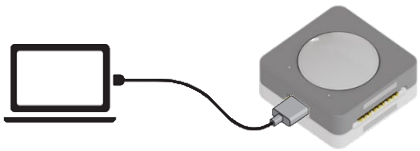
https://www.artec-kk.co.jp/en/arteclinks/software/

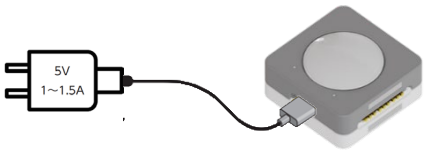
④ Turn the Battery Pack on. If you don't have a Battery Pack, try using a USB cable to connect a power bank or AC adapter (5 V, 1-1.5 A)!



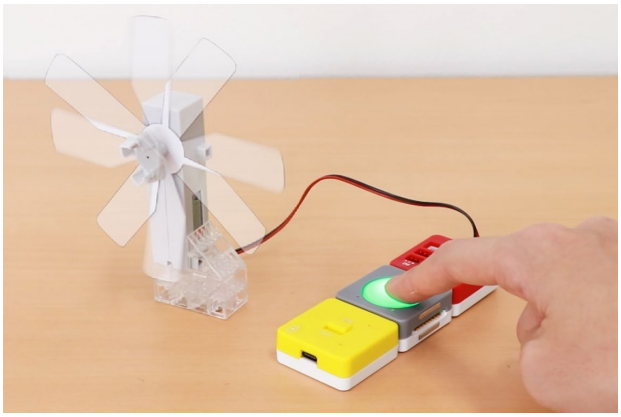
Power

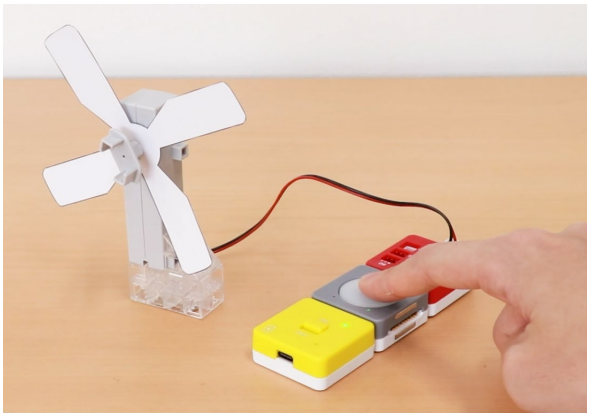
ON ⟷ OFF





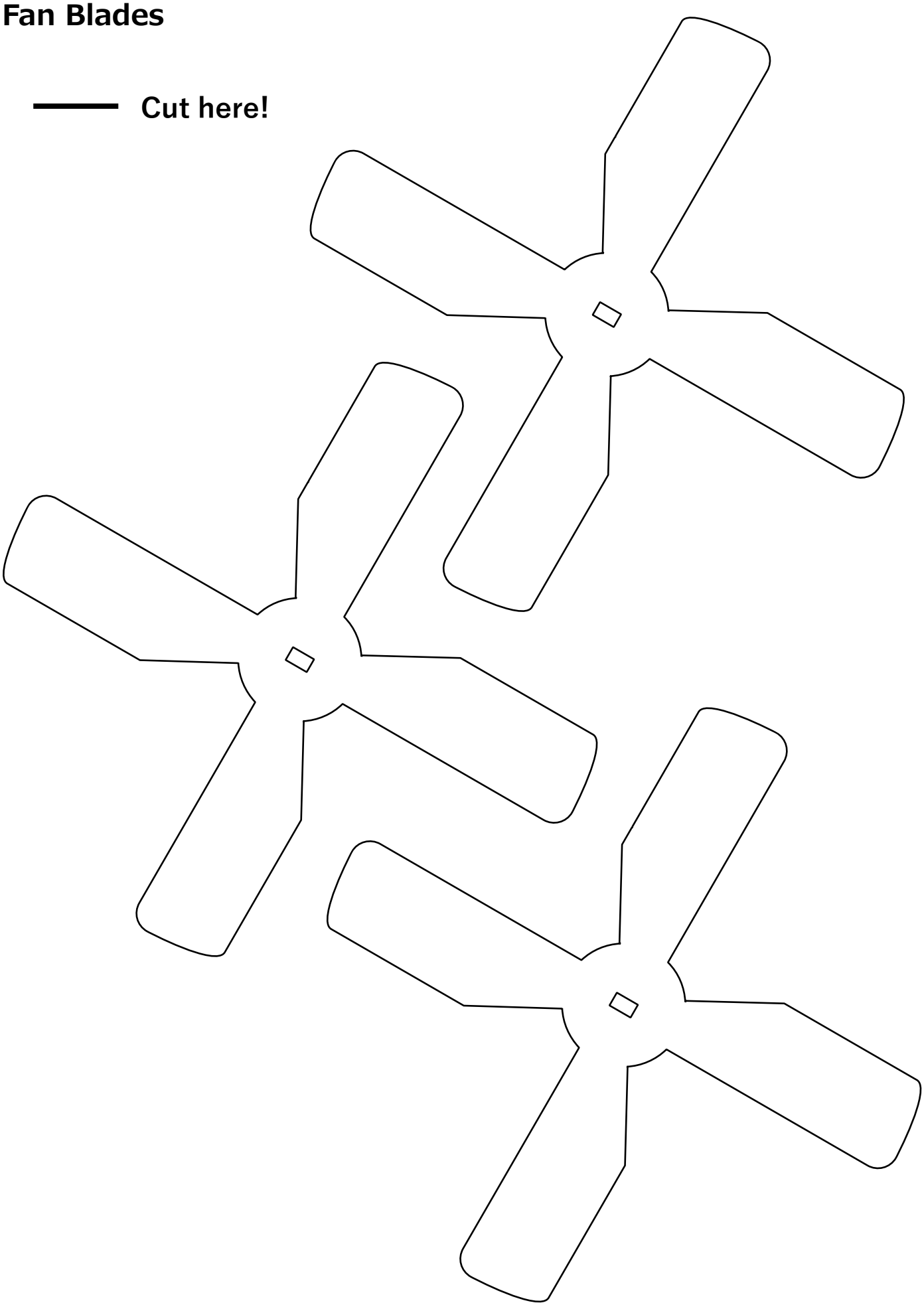
⑤ Press the button and the LED lights up as the blade starts spinning. Press the button again to turn off the LED and stop the blades!





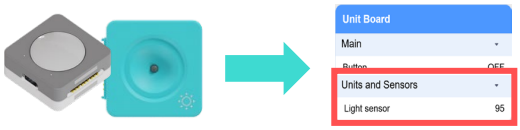
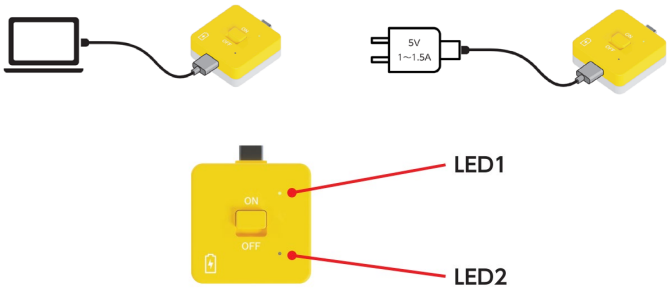
Fan Blades

Cut here!



FAQ

If you're having trouble with the sample program, follow the steps below to troubleshoot. If you can't resolve an issue, use the contact information on page 1 to contact us!

Question	Answer
I can't connect to my device or transfer the program.	Follow different steps to connect or transfer based on the software and device you're using. Check the instructions on the website below! https://www.artec-kk.co.jp/en/arteclinks/software/
I want more information about how to use the software or the product's specifications.	Check the instructions on the website below! https://www.artec-kk.co.jp/en/arteclinks/software/
The program isn't working correctly.	Follow the steps below to check that the Main Unit and expansion units are connected correctly. (1) Connect your device to the Main Unit. (2) Check that the expansion unit appears on the Unit Board in the software. When you connect an expansion unit to the Main Unit, it should automatically appear on the Unit Board! The example shows a Light Sensor!  The program may also not work correctly if the battery is running low. LED1 on the Battery Pack turns red when the battery is low! You can charge the Battery Pack over USB or with an AC adapter (5 V, 1-1.5 A). LED2 turns red as it charges and blue when it's fully charged! 
The DC Motor isn't turning.	Check that the DC Motor is properly connected to M1 on the I/O Unit.

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