DIY Microscope

Feeling the distance between you and your new, tiny pet? Want to catch a closer glimpse of their microscopic majesty?

No worries! We've got the perfect solution for you: our DIY, webcam microscope. With this microscope, you'll be able to see close-up images of your pet on your computer.

On the next page, you'll find the URL to assemble the microscope and a schematic. If you don't quite get it, sign up for the Biohack Academy and learn with us!
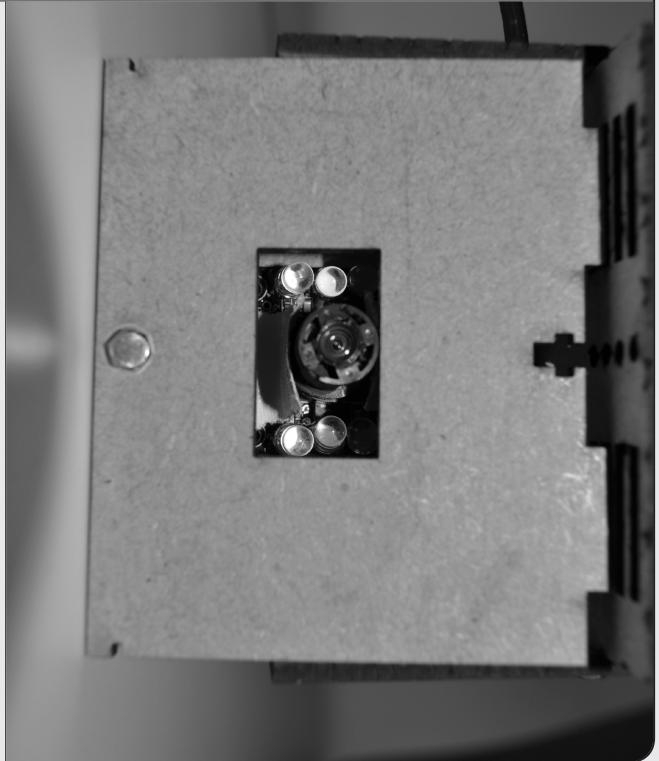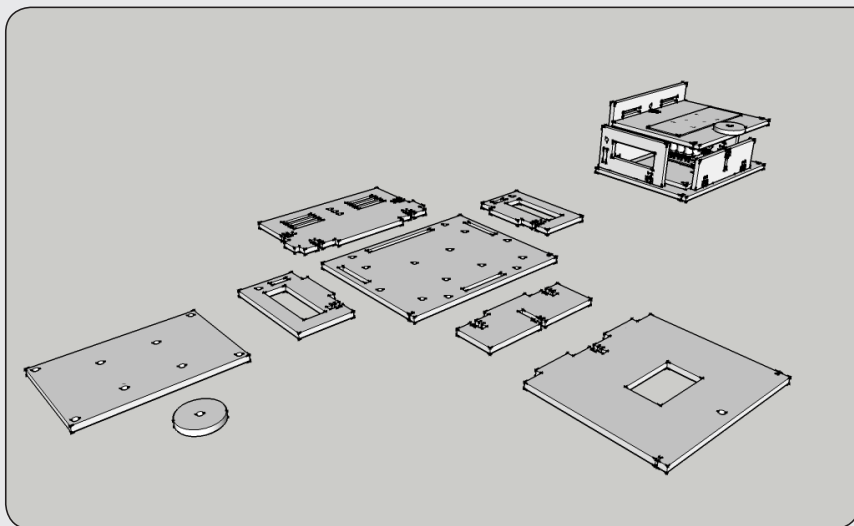

take one!
tear off

petshop

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hardware

open wetlab
waag society

some assembly required

Above, you'll find the schematic for the DIY webcam microscope. For more information about how to put the microscope together, have a look at the instructions on the Biohack Academy github page.

join us!

Biohack Academy is an education program from Waag Society Amsterdam. The course is fully open source and distributed through partner labs around the globe.

You can find more information at waag.org/biohackacademy

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Pet shop is a project from Waag Society, an institute for art, science, and technology with a long standing tradition in opening up technologies to the public. While pet shop seeks to popularise biotechnology, previous initiatives have dealt with the Internet, software, and hardware. Waag Society's Open Wetlab allows citizen scientists to experiment with bio materials. Please visit waag.org/openwetlab for more information.
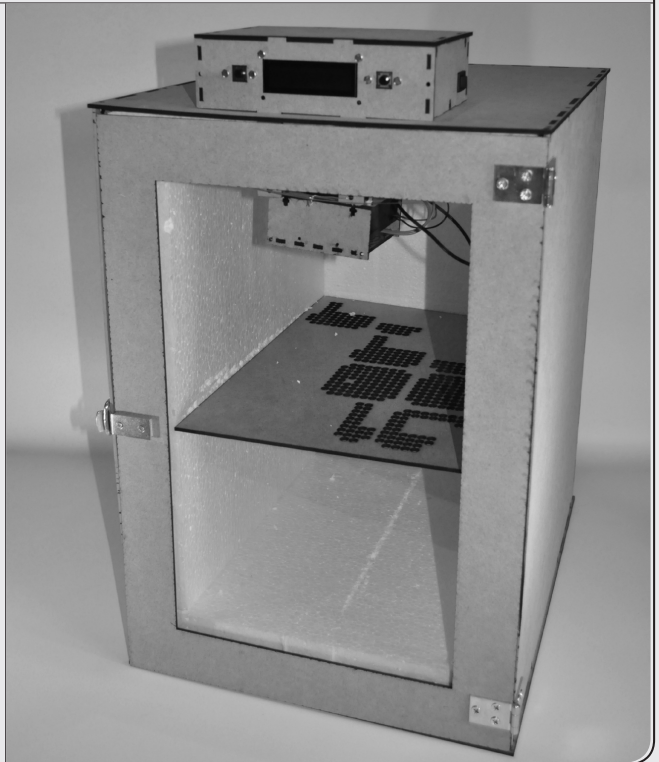
DIY incubator

Want to keep your new, tiny pet nice and warm? Want to make them comforatble in their new home?

No worries! We've got the perfect solution for you: our DIY incubator. With this incubator, you'll be able to make sure your pet stays at just the right temperature.

On the next page, you'll find the URL to assemble the incubator and a schematic. If you don't quite get it, sign up for the Biohack Academy and learn with us!
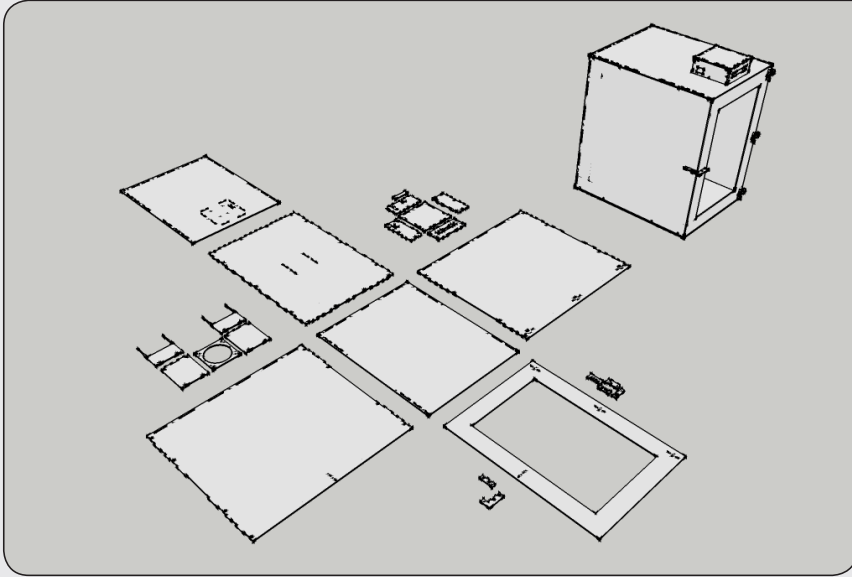

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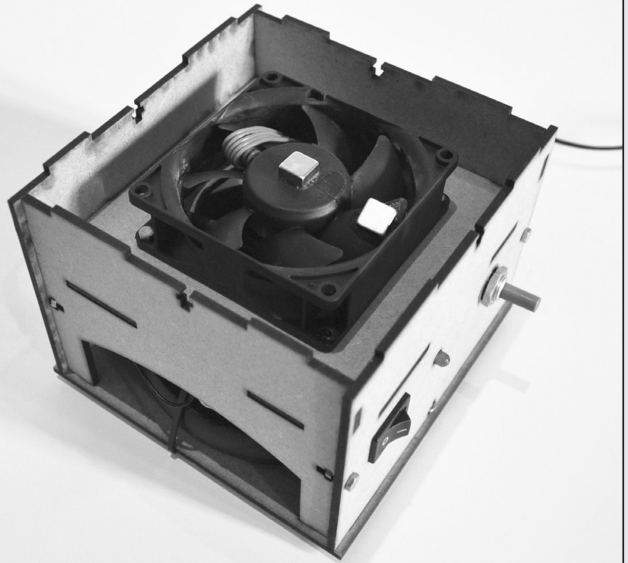
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DIY magnetic stirrer

Want to shake things up with your pet? Want to mix them up them a nice, new home?

No worries! We've got the perfect solution for you: our DIY magnetic stirrer. With this magnetic stirrer, you'll be able to mix fluid samples—like media for growing bacteria!

On the next page, you'll find the URL to assemble the incubator and a schematic. If you don't quite get it, sign up for the Biohack Academy and learn with us!
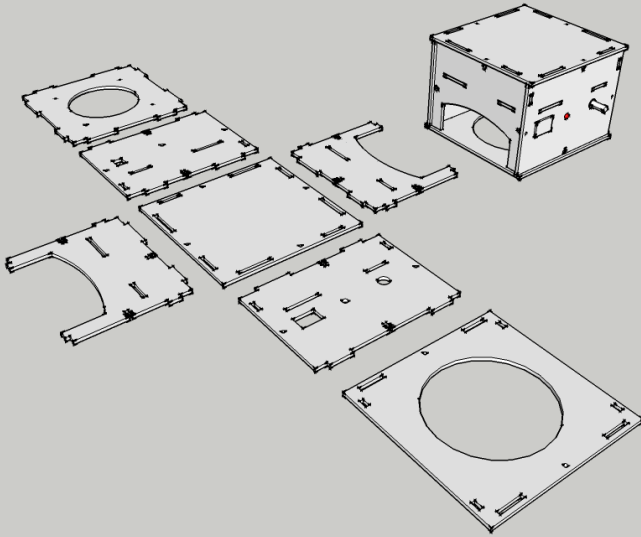

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some assembly required

Above, you'll find the schematic for the DIY magnetic stirrer. For more information about how to put the magnetic stirrer together, have a look at the instructions on the Biohack Academy github page.

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DIY centrifuge

Want to take your pet for a spin? Check out the DIY centrifuge!

WARNING: Centrifuges are dangerous machines. Always make sure you detach the rotor from the motor when testing the device. Attach something to the motor only after you are confident that you have the machine working properly.

On the next page, you'll find the URL to assemble the incubator and a schematic. If you don't quite get it, sign up for the Biohack Academy and learn with us!
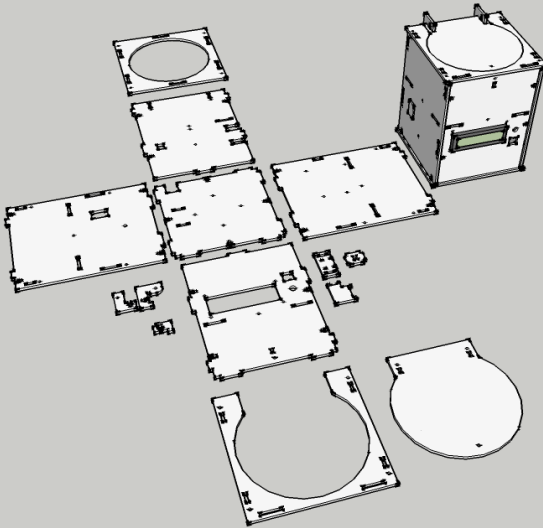
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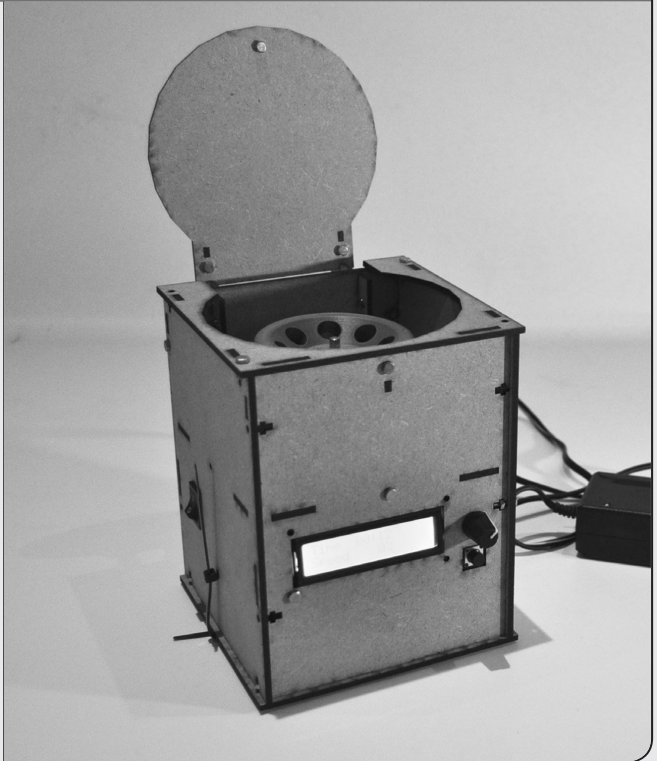
some assembly required

Above, you'll find the schematic for the DIY centrifuge. For more information about how to put the centrifuge together, have a look at the instructions on the Biohack Academy github page.

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