

Sciencetown/December 12+13 2009

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## Electron Microphone

A Notebook. Opened pages are in-game items; un-opened pages are not. You may only open pages when directed to.

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This notebook will require the following technologies: Acoustics, Particle Physics, and Gigavolt Systems.  
Turn to page 2 now.

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To create an electron microphone, there are three critical pieces: the electrons, the microphone, and the power source. They can pretty much be worked on independently, once you know what you're doing.

Once you have researched Particle Physics, you may turn to page 3.

Once you have researched Acoustics, you may turn to page 5.

Once you have researched Gigavolt Systems, you may turn to page 7.

Once you have finished all three of those, you may turn to page 9.

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As everyone knows, electrons are smaller than quarks. That means that if you smash some quarks into bits and then glue them back together, you can make some electrons. So head to the physics lab and scoop out some quarks. (Doesn't matter which. Quarks are quarks.) Take a Sledgehammer (04993) and smash the quarks for a minute to turn them into microquarks. Then turn to page 4.

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Now that you have a cup full of microquarks, you'll need to combine them. Head to the Chemistry Lab and find yourself some Intelligent Calcium (88095), and pour it into the cup. Why? Well, you see, it turns out that Intelligent Calcium (88095) is smart enough to regulate the combination of microquarks into quarks, electrons, and other such subatomic particles. So put them all in a Centrifuge (28774), spin for two minutes, and you've got yourself a nice batch of electrons. Congratulations!

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Creating a microphone from scratch is a very simple process. First, you'll need to obtain a Banana (22836) and a Large Cellular Phone (90210). Collide them together in the Particle Collider to form a BananaPhone. (Destroy one of the two item cards and write "BananaPhone" on the other.) Once you have it, go to page 6.

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Now that you have a BananaPhone, you'll need obtain a Microchip (37374) and collide those two items together to form a Microphone (30031). Once you have that, you're done! Wasn't that easy?

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A regular microphone uses a few volts. An electron microphone, amplifying sound by way of electrons, therefore requires gigavolts! (It's pronounced "jigga-volts", by the way.) Obtain a 900V battery (59160) and one chunk of Atmospherium (33048). Once you have them, turn to page 8.

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Find a blunt tool (like a Sledgehammer (04993)) so you can crack open the battery. Once you have done so, sprinkle the Atmospherium (33048) into the casing. Then, find an Arc Welder (76112) and weld the battery case back together. Once you've finished that, you're done!

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You have a powerful battery, some electrons, and a microphone. How to turn those into the final product? The question you should really be asking yourself is: "Will It Blend?" Once you find out the answer, destroy the items you put in, and turn to page 10.

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Announce your plans to the world! When finished, turn to page 11.

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Congratulations! You've finished the Electron Microphone (22019). Tell the GMs that you've finished with this trail; they will set up the microphone in Tech Square for you.

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