



CoderDojo MicroBot Challenge

You have successfully completed the remote-control project at last week's CoderDojo in Zug. A CoderDojo should just be one step in a series of events allowing kids to enter the world of science, technology, engineering, mathematics, and programming.

Many projects using the MicroBot and micro:bit kits we provided in the Dojo are available online on the TechWillSaveUs website: <https://make.techwillsaveus.com/microbot>.

Our challenge:

Build something amazing out of the three kits you received last week

Rules:

1. Build and program something amazing using any or all of the three kits (MicroBot and two micro:bit) you received at the April 6th CoderDojo
2. Create a short video using your mobile phone promoting your project
3. Send us an e-mail using the contact page <http://swisscoderdojo.org/contact-us> briefly describing the project.
 - a. We will send you a link where you can upload your video and the programs you wrote
4. Submission closes by start of the summer vacation 2019 (July 6th)

Members of the Verein CoderDojo Zug and mentors of past CoderDojos will look at the projects and select three winning projects. The winners will be announced at the start of the 2019/2020 school year by August 19th, 2019.

Amazing prizes from TechWillSaveUs will be awarded to the three winning entries.

1. Prize: A Gamer Kit (<https://www.techwillsaveus.com/shop/gamer-kit>)
2. Prize: A Creative Coder Kit (<https://www.techwillsaveus.com/shop/creative-coder-kit>)
3. Prize: A Synth kit (<https://www.techwillsaveus.com/shop/synth-kit>)

Help and support:

- Some resources are available on the CoderDojo web site: <http://swisscoderdojo.org/projects>
 - [Download link](#) for the offline code editor (both for Windows and Mac)
 - [Sample code](#) used in during the April 6th CoderDojo
 - [PDF used during April 6th CoderDojo](#)
- For additional resources and projects, you can join the TechWillSaveUs Maker Club for free at <https://make.techwillsaveus.com/>
- Use the contact page on our website <http://swisscoderdojo.org/contact-us> if we can help