The Zurich CoderDojo

The Zuric CoderDojo is a multilingual group (De, En, It, Pl, Fr).
For learning it's best if you can come regularly. Of course it does not have to be every week.
Bring your laptop, but we can provide computers on demand
We have a small lounge for parents.

Activities

Ninjas who have never been coding before, are introduced to Lightbot and learn the basics about programming.
Our main platform is Scratch, a powerfull jigsaw-like programming environment.
On top of it we run Makey Makey, Thymio, ... workshops.

Get in touch

You can get in touch with the Zurich CoderDojo and follow our news through our Twitter channel:
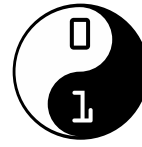@CoderDojoZH

If you want to join our weekly dojo with your kids , please register on our Meetup page:
http://www.meetup.com/Coder-Dojo-Zurich

And you can, of course, visit our website:
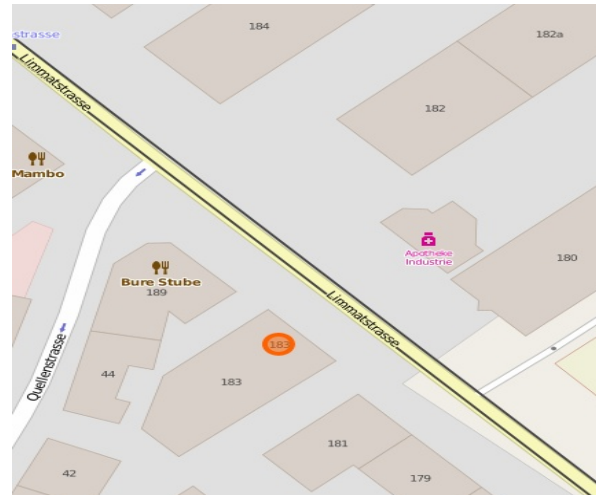http://coderdojozh.github.io/

CoderDojo

CoderDojo is an open source, volunteer led network of free computer programming clubs for young people aged 7-17.

CoderDojo puts an emphasis on self-motivated learning through project work, peer-to-peer mentoring and the creation of innovative projects.

There are over 450 CoderDojos teaching young people how to code in over 45 countries around the world.
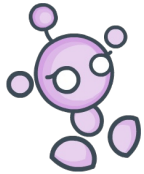
Sunday, 15:00 - 17:00 @ Liip

Limmatstrasse 183
8048 Zürich
http://coderdojozh.github.io/

CoderDojo

For Ninjas
aged 7 to 17

On Sundays
15:00 – 17:00
There is only one rule,
Be cool!

Lightbot™

Lightbot is an educational game that introduces several principles of programming like sequence, conditions, and loops. Kids use their problem solving skills to complete the puzzles!

thymio

Thymio II is an affordable educational robot:
- providing a large number of sensors and actuators,
- allowing interactions based on light and touch,
- with graphical and text programming.

SCRATCH

Scratch is a free educational programming language that was developed at the Massachusetts Institute of Technology (MIT) with over 5 million registered users.

Scratch is designed to be fun, educational, and easy to learn. It has the tools for creating interactive stories, games, art, simulations, and more. Scratch has its own paint editor, a sound editor and a ton of pre-made assets that make it easy to pick up via example.

Scratch makes coding accessible by providing blocks like a jigsaw puzzle that you drag and combine into structures.

It's a powerful and simple tool that allows you to just try things out and see what happens.

MaKey MaKey

Ever played Mario on Play-Doh or Piano on Bananas? Alligator clip the Internet to Your World.
Turn everyday objects into touchpads and combine them with Scratch scripts.
The computer just thinks MaKey MaKey is a regular keyboard (or mouse). Therefore it works with all programs and webpages,
Any material that can conduct at least a tiny bit of electricity will work.

Kid comes in expecting to be able to make Minecraft.
After spending about 30 minutes showing them just how to make a fish and a cat collide and behave properly, they would all gain a new appreciation of just what went into making a game work.
After that, every kid would have all sorts of ideas of what to do to make the game their own."
Adriel Wallick, games programmer.