

What is Code Club?

We run free **programming workshops** for creative kids aged 9 to 11. Our amazing curriculum sparks their passion for technology through fun and games.

Where are these clubs held?

The International School is the first in Luxembourg to host a weekly code club. We are currently spreading to many other schools in Luxembourg and the Greater Region.

Who runs the clubs?

We are a growing team of volunteers - programmers, teachers and parents - passionate about *code literacy*. Our goal, as part of a worldwide movement, is to give every child the chance to learn programming.

Why should children learn to code?

Learning to code is an important skill in this digital age. It's not enough for children to know how to *use* technology. They should *understand how it works* too and be able to *create their own future*.

Learning to code doesn't mean you have to become a developer - just as learning to write doesn't make everyone a best selling author. It strengthens problem solving skills and logical thinking and supports key academic subjects such as science, maths and technology.

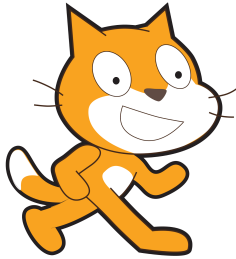
What we teach

We get the kids hooked by letting them code their own games, animations and websites. During the first terms, we use Scratch to discover the basics of programming. Then we build websites using HTML and CSS. In the second year, we switch to Python and so on: we keep the kids interested with a new set of projects every term!

You can help!

We can only start a club in *your* school with *your* help! Personal and corporate donations are appreciated, but most of all we need you to donate your time: Code Club needs volunteer programmers and teachers to run weekly clubs, schools to provide the space and parents to support their local club.

www.CodeClub.lu



Scratch is a **programming language** and an online community where children can program and share interactive media such as stories, games and animations with people from all over the world.

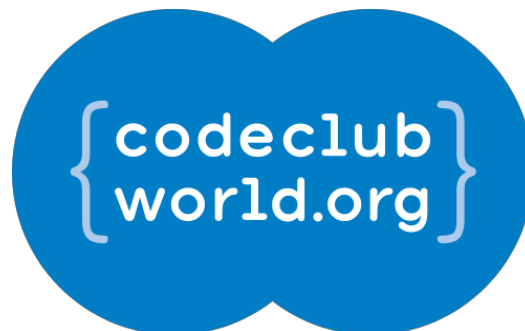
As kids create with Scratch, they learn to think creatively, work collaboratively, and reason systematically - essential skills for life in the 21st century.

The name comes from the technique of turntable scratching (i.e. mixing sounds to make new songs) because you can remix Scratch projects made by others in the **community** in order to build your own.

Scratch is a project of the *Lifelong Kindergarten Group* at the MIT Media Lab.

It is **free to use** and runs in your web browser: <http://scratch.mit.edu/projects/editor/>

You can also install it on your computer: <http://scratch.mit.edu/scratch2download/>



The worldwide Code Club community has created a whole **curriculum** of lessons that kids can follow to create their own games, animations and websites:

<http://projects.codeclubworld.org/en-GB/>

For lessons in other languages like *Deutsch* or *français*, please get in touch with us:

<http://codeclub.lu/contact/>

All Code Club projects are **free to use**, even at home.

Of course we would prefer if you would start a club for your whole neighbourhood!