CODING & ROBOTICS CLUB

UNDER **13** YEARS OLD

10 students PER GROUP*
* or per specialist

1.5 hours of coding PER WEEK*
* except holidays

WEB DEVELOPMENT CURRICULUM

1

This super fun 1.5 hours/week course will provide you with the coolest programming skills. You'll start learning how to read and write HTML, CSS or JAVASCRIPT and will move at the end of our curriculum path towards other more complex languages like PYTHON or PHP. But that's not all! You'll learn how to manage databases, servers or build your websites with the coolest CMS in the world: Wordpress and Drupal.

ROBOTICS CURRICULUM

2 ICC

Robotics is the other half of our course. You'll receive robotics training every other month. With Lego WeDo 2.0. you will learn a lot of engineering, how to program sensors and motors and a lot more. Arduino will complete your robotics training, with it you'll learn electronics and solve a lot of super cool challenges. After your full robotics training… the sky is the limit!
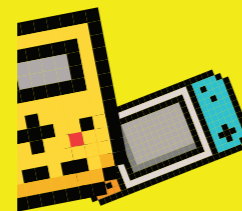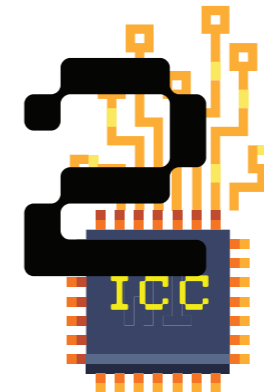
## GAME DEVELOPMENT CURRICULUM

3

You will become a master in MIT Scratch (Visual block coding) with which you will construct your first games, learn how to build your sprites, backdrops, program your game's characters to jump, fly or shoot, learn about variables, how to deal with lives, score, levels of difficulty and so much more.
At the end of this curriculum we'll move onto a real gaming development software that will allow you to publish your games on any real platform (Android, IOS, Nintendo, etc).

99€ per month
FLEXIBLE PLAN
hop on - hop off
10% discount on long-term plans
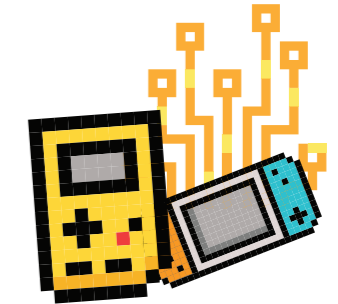
Scan the QR
or go to:
www.icancode.nl

YOU WILL ALWAYS BE AHEAD OF THE REST

Here is our full Coding & Robotics curriculum. Join now and start getting ready for the future!

+ Basics of coding: LOOPS, IF/THEN statements, VARIABLES, etc.
+ MIT's Scratch software
+ A deep understanding of LEGO WeDo 2.0 (and other LEGO robotics versions)
+ The basics of engineering (engines, cog wheels, robust-structure creation, etc)
+ Understand how a video game is made and programmed.
+ A good understanding of how the internet works (physically and programmatically)
+ A good understanding of how a robot works.
+ Events, conditions and actions in the programming environment
+ Work with multiple scripts, hubs or engines in a robot
+ Use and programming of movement sensors in robotics.
+ Proficiency in HTML programming language
+ Proficiency in CSS programming language
+ Proficiency in JAVASCRIPT programming language
+ Python and PHP programming basics

+ Understanding of databases
+ Web development best practices
+ Webshop creation
+ Wordpress Vs. Drupal CMS. Installation and programming tricks
+ Basic Electronics
+ Advanced robotics: construction and programming with Arduino.
+ App development.
+ Usage and learning of other more advanced internet-related concepts and softwares.
+ Online marketing basics (best practices, platforms, etc)
+ Web design basics.
+ Game development.

I CAN CODE .NL

DID YOU CHECK OUT OUR COURSES FOR GROWN UPS?

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