Innovative Knowledge Institute Milano

ICSMILAN INTERNATIONAL SCHOOL

CODING FOR KIDS

“Innovation distinguishes Between a leader and a follower”

Steve Jobs

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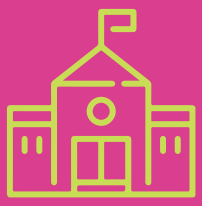
Characteristics of the program

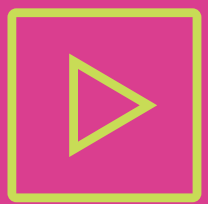
30 hours

Course times:
Symbiosis: Monday and Wednesday from 16:15 to 17:00
Tenca: Tuesday and Thursday from 16:15 to 17:00



ICS Symbiosis/Tenca

600 €



Classes being during the week of October 4

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Syllabus

MODULE I

4 Hours

- Computers and humans.
- The learning 4P Project, Peers, Project & Play.

MODULE II

6 Hours

- The STEM disciplines.
- Introduction to coding The Scratch Language.

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Syllabus

MODULE III

5 Hours

- The Scratch environment tool to run code.
- The variables.
- The conditional block if-then-else.

MODULE IV

4 Hours

- The square root and the absolute value.
- How to round a number using scratch.

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Syllabus

MODULE V

6 Hours

- Develop an algorithm for the Pythagorean theorem
- Use of the module operator.

MODULE VI

5 Hours

- The golden rule and the Fibonacci sequence.
- Rock, Paper, Scissor and guess a number game develop.
- Exchange messages using sprite.

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The future is yours.

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