

Coding School

The Gibraltar Digital Skills Academy will be launching its coding school this September. Following on from our highly popular and successful coding clubs last year, we are now delivering a full coding curriculum starting at younger years and leading to certification in Python and JavaScript.

The curriculum will start by laying a solid foundation in teaching students to think logically and the basic functions used in programming, regardless of language. This will follow on using various platforms and applications over a number of years involving the Raspberry Pi programming curriculum to learn and develop their programming competence which will lead and prepare students to achieve various programming certifications.

The curriculum will be set at 4 levels and requires students to show certain competencies to progress onto the next level, meaning students will build a portfolio of work and projects over time to showcase their understanding and accomplishments. We will be offering the following classes on a weekly basis.

PRE LEVEL 1 - Years 3 - 4 - Monday 4pm - 5pm
Course Instructor - Lauren Chipolina

Students will enhance their computational thinking through hands on activities as well as use block based coding to learn the fundamentals of programming. Students will work towards programming their own games and applications along with solving various problems.

LEVEL 1 - Years 5 - 6 - Tuesday 4pm - 6pm
Course Instructor - Lauren Chipolina

Students will use block based programming to understand the advanced functions of coding along with reinforcing fundamentals. They will make their own games, program robots and other devices to solve various problems to enhance their critical and computational thinking.

LEVEL 2 - Years 7 - 9 - Wednesday 4pm - 6pm
Course Instructors - Lauren Chipolina and Roxanne Martos

Students will use both block and text based coding to transition from block based programming and understand how text based language works. They will start with HTML/CSS and move onto Python.

LEVEL 3 - Years 10 - 13 - Tuesday 4pm - 6pm
Course Instructor - Roxanne Martos

Students will follow the Python Institute Entry Level course and move onto the Associate level course upon successfully passing the Entry Level exam. They will use the Cisco learning platform and exam preparation online resource during their sessions.

2021/22 Pass Rates -
Entry Level - 90%
Associate Level - 80%

All sessions will cost £10 per hour and will be billed in a month's advance. Spaces on each course are limited to a ratio of no more than 10 students to one instructor.

To enrol, please fill in the enrolment form which can be found at this link or use the QR code.

<https://forms.office.com/r/1KjJB2cae4>



For further information, please contact us at
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