

SIGNATURE BELT PROGRAM

Computer Science Grades K-12

Beginner belts for Ages 5+



Foundation Belt

Primary focus: A foundation in basic computer skills and digital logic.
Includes: Computational thinking & algorithms.



White Belt

Primary focus: Programming skills with Scratch and program decomposition & debugging.
Includes: Fundamentals of Robotics.



Yellow Belt

Primary focus: Mobile App development and user experience.
Includes: Intermediate Robotics & beginning HTML.



Intermediate belts for Ages 9+



Orange Belt

Primary focus: Web Design with HTML & CSS.
Includes: Algorithms & Databases.



Red Belt

Primary focus: Advanced 2D Game Development & 3D Game Design.
Includes: Animations & Digital Images.



Advanced belts for Ages 11+



Green Belt

Primary focus: Programming with Alice.
Includes: Robotics hardware & Databases.



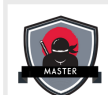
Blue Belt

Primary Focus: Programming with Python & Advanced Robotics. *Includes:* IDEs, object-oriented programming & digital music.



Black belt

Primary focus: Programming Constructs & advanced data structures in Java. *Includes:* Drone Programming/Navigation & Data Structures.



Master Black Belt

Primary focus: Principles of Game architecture & class creation using C++. *Includes:* Business of Games & Entrepreneurship.

Hands on Computer Science for Today's Students

With our holistic approach, students gain a strong technical foundation as well as skills in logical thinking, creativity, teamwork, and computational thinking. These skills are vital in preparing kids for today's information-driven and innovative environment.

Program Features

- Grades K-12
- Proprietary STEAM Curriculum
- Project Based Learning
- Focus on Building Soft Skills
- Fully-Equipped Labs
- Nine Achievement Levels
- Small student/teacher ratios

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