

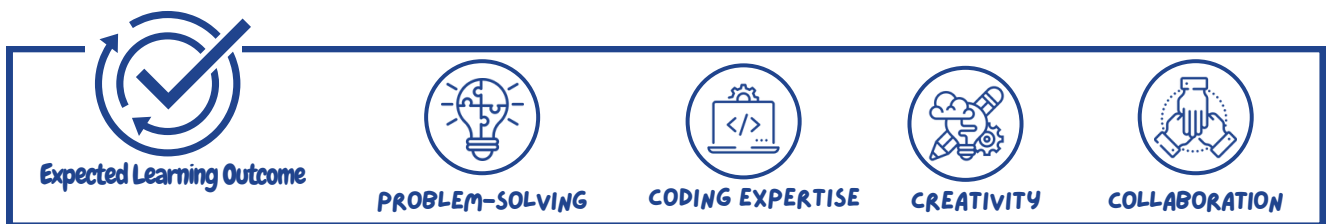


Creative Coding Express

9-10 Years old

COURSE DESCRIPTION

Students embark on a coding adventure, learning to create computer programs, build games, and develop interactive stories. The course emphasizes imagination, collaboration, problem-solving, and perseverance as students bring their ideas to life.



TOPIC COVERS

Sequence	Algorithms	Debugging	Creating Art with Code	Sprite Creation and Animation
Loops	Conditions	Variables	Functions	End of Course Project

COURSE RUBRIC

Quizzes: 10%
Attendance: 10%
Homework: 10%
Class Participation: 20%
End of Course Project: 50%



TEACHING/LEARNING APPROACH

- **Project-Based Learning:** Students develop skills through real-world coding projects.
- **Unplugged and Plugged Integration:** Concepts are learned via hands-on activities and digital practice.
- **Collaborative Challenges:** Structured tasks promote teamwork and problem-solving.
- **Creative Coding Exercises:** Activities encourage original thinking and personal expression in coding.
- **Guided Problem-Solving:** Instructors help students navigate complex tasks and foster logical thinking.

PARENTAL SUPPORT

Parents play a key role by encouraging regular attendance, showing interest in their child's projects, and supporting practice at home. Active involvement reinforces learning and keeps students motivated.

STUDENT COMMITMENT

This weekend course requires consistent attendance, focus during sessions, and a willingness to explore and complete projects. A positive attitude and steady participation help students gain the most from the program.

Important Note: To receive a Certificate of Completion, students must attend at least 60% of the total class sessions (8 sessions out of 12).

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