



# betagen

AFTER-SCHOOL  
CODING CLUB

Year 5 & 6

Our Giga Coding Club introduces students to text-based programming using JavaScript and Python through creative, structured coding projects on platforms such as p5.js, PythonGo, Bitsbox and Delightex.

Students move beyond block-based coding and begin working with real programming syntax to create visual outputs, patterns, simulations, and interactive programs.

Students explore key programming concepts including:

- Variables
- Loops
- Conditionals
- Input and output
- Functions

Using a spiral learning approach, students steadily build understanding of core programming principles. Concepts are revisited in different contexts to develop fluency, accuracy and confidence when writing code.

The focus is on developing strong computational thinking skills, including breaking problems down, building logical solutions, and identifying and fixing errors.

This club is ideal for students ready to use real programming languages in a creative and supportive environment.

[Book now](#)

