



BEATSBYDARA CODING & AI ROADMAP (YEAR 1)

QUARTER 1



GAME DEVELOPMENT

Kids are introduced to **Coding, Game Development, Animation and Artificial Intelligence** with Scratch and Pictoblox.

QUARTER 2



WEB DESIGN

Here, kids will learn the underlying skills necessary to create and style web pages using **HTML and CSS**. They also learn about **Machine Learning in AI**

QUARTER 3



WEB PROGRAMMING

This course introduces kids to **JavaScript**, for dynamic programming on the web, alongside mastery of the **Domains and Ethics of AI**

QUARTER 4



PYTHON

Given a good grasp of **Python Programming**, kids will be capable of writing and debugging Python code. They also gain knowledge of **Generative AI and Prompt Engineering**