



## Scratch Coding Camp

**Price:** £135 for 3 days

**Location:** Lantern Arts Centre

**Age Group:** 6-14

**Prerequisite Courses:** None (no coding experience required for this camp)

**Date/Time:**

- Tuesday 8<sup>th</sup> August (1:00PM to 4:00PM)
- Wednesday 9<sup>th</sup> August (1:00PM to 4:00PM)
- Thursday 10<sup>th</sup> August (1:00PM to 4:00PM)

This is a beginners coding camp where children are taught the basic and intermediate features of Scratch. Scratch is a free visual programming language used by students, scholars, and teachers to easily create animations, games and other interesting programs.

During this course the children will learn about most of the important programming constructs that form the basis of any computer program. The camp is very hands on and children will use what they learn to build a number of programs and games.



Main topics covered include:

- Introduction to Scratch
- Scratch Input / Output & Drawing (Scratch)
- Let's have fun & let lose (here we let the children experiment with Scratch and write a program of their own, programming can be very expressive)
- Conditionals (Scratch)
- Loops (Scratch + Other tools)
- Events (Scratch)
- Simple Game Programming (Scratch)