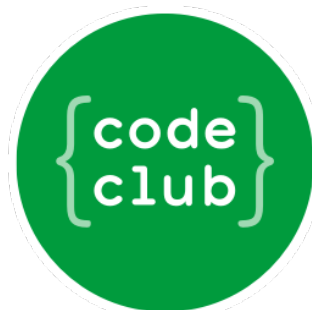# Longlevens Library Code Club

The Longlevens Library Code Club is a free club for 9 to 13 year-olds to learn computer programming skills. The club can also accept school children outside this age range if they have the interest and willingness to learn.

The club is run by unpaid volunteers using facilities provided by the Gloucestershire County Council Library Service. It started in October 2015 and is part of the international Code Club programme run by the Raspberry Pi Foundation, a UK registered charity.

https://codeclub.org

Computers and Projects

The club uses Raspberry Pi computers connected to the library's wifi, computer screens, keyboards and mice. These are small but capable computers that are equipped with various programming applications. The club also has some Micro Bit computers including two which can be used for robotic projects. Further robotic and programmable devices are being acquired as funds permit.

The club has a wide variety of projects available for children to choose with easy to follow step by step guides that allow them to create games, animations and websites in various computer languages including Scratch, HTML, Javascript and Python. Scratch is a visual programming language specially designed for children and is often used in schools. It enables computer programs to be created with minimal typing and without any previous programming experience.

There are seven computer workstations in the library which means when there is high attendance, some children will need to work in pairs. The club does its best to pair children up based on ability and the volunteers often see children benefit by learning from each other. If a child would prefer to work on their own and they can bring in a laptop or similar, then this is quite acceptable.

Volunteers

The volunteers have a wide variety of experience and skills, with many decades of experience in programming between them. Two are STEM Ambassadors with a third in the process of applying. STEM Ambassadors undertake voluntary work to encourage children into the world of science, technology, engineering and mathematics. They are Disclosure and Barring Service (DBS) checked as is one other volunteer. The club will not run without at least one DBS checked volunteer in attendance to ensure proper safeguarding standards are met.

The club is always open to new volunteers, programming and/or teaching experience preferred but not essential, but must have or be willing to obtain an Enhanced DBS certificate. For more details, please talk to any of the current volunteers.

Booking information

The club normally operates every Saturday during local school term times, between 11:30am and 12:30pm. Facilities limit the club to 14 children each week. To check dates and book places, search for "Longlevens Code Club" on Eventbrite:

https://www.eventbrite.co.uk/

Or click "**Discover activities in a library near you :: Eventbrite**" on the Longlevens Library website:

https://www.gloucestershire.gov.uk/libraries/find-a-library/longlevens-library/

Please note children can only be accommodated on the day if there are places remaining free on Eventbrite. After booking, if your child cannot attend for any reason, please cancel their booking as soon as possible so that another child may take their place.

Feedback

The club is always looking for ways to improve. If you have any questions, complaints or suggestions, please speak with any of the volunteers or library staff. Alternatively please write them down on the reverse side of this sheet and hand in at the main desk inside the library, providing contact details if you wish to have a response.

12/01/2019