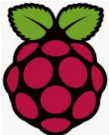


Useful websites for TY students to get started with coding

 Code.org	https://studio.code.org/s/express-2019 A great option for students who wish to start programming on their own. Students learn the fundamentals of programming with drag & drop blocks and can create their own drawings and games. https://code.org/educate/resources/videos A library of engaging resources including inspirational video clips from world celebrities e.g. Bill Gates and Barack Obama. There are also videos on principles of Computer Science including How Computers Work and How the internet works.
 Microsoft Makecode	https://www.microsoft.com/en-us/makecode Microsoft MakeCode brings Computer Science to life for all students with fun projects, immediate results, and both block and text editors for learners at different levels. Includes links to micro:bit projects suitable for LCCS.
 Raspberry Pi	https://projects.raspberrypi.org/en/projects?software[]=python Some great projects that will help students start writing code and get going with digital making.
 Khan Academy	https://www.khanacademy.org/computing/computer-programming An interactive website where students can learn how to use the JavaScript language and the ProcessingJS library to create fun drawings and animations.
 Codecademy	https://www.codecademy.com/catalog/subject/all A range of online web development and programming courses including the <i>Code Foundations</i> course and the <i>Computer Science</i> course.
 Swift Playgrounds	https://www.apple.com/ie/swift/playgrounds/ An app that makes it fun to learn and experiment with code. Students solve interactive puzzles in the guided "Learn to Code" lessons to master the basics of coding, or experiment with a wide range of challenges that let them explore many unique coding experiences.
	http://appinventor.mit.edu/ An intuitive, block-based visual programming environment that allows everyone - especially young people - to build fully functional apps for smartphones and tablets. Seeks to move people from technology consumers to become technology creators.