

Primary Computer Science, ICT & Cyber-Safety Offerings

Programme Title	Class	Class Duration	Programme Length
Ready Steady Go! Explore the World of Programming – Scratch	2nd	55 mins	5 to 10 Weeks
Cyber-Safety – Staying Safe Online	2nd	55 mins	On Demand
Next Step! Explore the World of Programming – Scratch	3rd	55 mins	5 to 10 Weeks
Cyber-Safety – Staying Safe Online	3rd	55 mins	On Demand
Lets Go! Explore the World of Programming – Scratch	4th	55 mins	5 to 10 Weeks
Learning HTML - Build Your Own Website	4th	55 mins	5 to 10 Weeks
Cyber-Safety – Staying Safe Online - Coco's Law	4th	55 mins	On Demand
Game Development! Explore the World of Programming – Scratch	5th	55 mins	3 Weeks
Learning HTML - Build Your Own Website	5th	55 mins	5 to 10 Weeks
Ready Steady Go! – Programming with Python	5th	55 mins	5 to 10 Weeks
Cyber-Safety – Staying Safe Online - Coco's Law	5th	55 mins	On Demand
Becoming A Programmer - Explore the World of Programming – Scratch	6th	55 mins	3 Weeks
Learning HTML - Build Your Own Website	6th	55 mins	5 to 10 Weeks
Ready Steady Go! – Programming with Python	6th	55 mins	5 to 10 Weeks
Cyber-Safety – Staying Safe Online - Coco's Law	6th	55 mins	On Demand

Programme Title - Ready Steady Go! Explore the World of Programming – Scratch

About the lessons:

Scratch is a block-based visual programming language and website targeted primarily at children 8-16 as an educational tool for coding. Users of the site can create projects on the web using a block-like interface.

Scratch is an ideal way to introduce children to the world of coding!

Programme Title - Learning HTML - Build Your Own Website

About the lessons:

Learn **HTML** & CSS From Scratch While Designing And Coding Your Own Project Step-by-step. Within these lessons, students will learn how to create their own web page in a fun, safe environment whilst also learning Information Communication Technology (ICT) skills. Another goal of these lessons is to demonstrate to students that technology is not all about social media and gaming. We have also assigned one of the classes for student Cyber-Safety.

Programme Title - Ready Steady Go! – Programming with Python

About the lessons:

Python is a general-purpose coding language—which means that, unlike HTML, CSS, and JavaScript, it can be used for other types of programming and software development besides web development. That includes back end development, software development, data science and writing system scripts, among other things

Python is now the most popular programming language because of its English based syntax and extensive libraries. This is the language your children will (well should) encounter in post-primary and third level Computer science programmes.

Within these lessons, students will learn how to use the Python interface and create simple fun programmes in a fun, safe environment whilst also learning Information Communication Technology (ICT) skills. Another goal of these lessons is to demonstrate to students that technology is not all about social media and gaming. We have also assigned one of the classes for student Cyber-Safety.

Programme Title - Cyber-Safety – Staying Safe Online - Coco's Law

For Children:

Cybersafety education provides students with the knowledge and skills they need to stay safe in online environments. It involves acknowledging the benefits and opportunities offered by the online world while understanding the risks and avoiding potential harms.

For Parents:

In today's world, we are all aware of the benefits of the Internet. Parent must keep up to date with understanding cyber-safety not only for themselves but also to guide their children and ensure a balance is understood.

Cyber hygiene is no more a choice, it is a necessity for a safe and secure lifestyle. Like a house protects you from the external environment, cybersecurity protects you from external intruders interested in stealing or snatching your confidential information for various motives, often monetary.