

General Info					
Target Group	Childrens / digital clubs				
Scheduling Approach	- Based on annual Calender for sec schools				
Training Approach	- Instructor Led				
Required Tools	- Internet connectivity - Working computer lab				
Project / job Related	- Web Development - Maintenance of the Computer Lab - DIY projects - Window Application - Games				
Project Type	- Software (Recommended) - Hardware				

Children (Secondary School Digital Clubs) – Course Mapping (Cisco NetAcad Aligned)

Course Name	Reason for Learning	Duration Weeks	Category	Cisco NetAcad Reference	Products / Job
Digital Literacy	Builds foundational computer and internet skills suitable for young learners.	5	Basic Skills	Cisco: Digital Literacy	Stationary
Computer Hardware Basics	This course provides a comprehensive introduction to the components, tools, and troubleshooting procedures that are critical for computer hardware operation and maintenance.	3	Technical skills	NetAcad: Information Technology	Maintenance of the Computer Lab
Introduction to Modern AI	Help Students learn to use AI in their daily lives, craft effective prompt chatbots, and utilize computer vision and machine translation.	3	Data science	NetAcad: Introduction to Modern AI	Enabler
HTML & CSS	Build web development skills to design beautiful, modern websites.	5	Programming	NetAcad: Wed Development	Website Creation
Python Essentials	Learn fundamental concepts of computer programming and start building coding skills with the Python programming language.	8	Programming	NetAcad: Windows Application	window Application Program
C++	This deeper understanding of C++ enhances your ability to develop sophisticated software.	9	Programming	NetAcad: Programming	Games
Introduction to cyber security	This introductory course takes you inside the world of cybersecurity. You will learn cybersecurity basics to protect your personal digital life and gain insights into the biggest security challenges companies, governments, and educational institutions face today.	3	Cybersecurity	NetAcad: Cyber Security	CTF - Challenge
Introduction to IoT	contributing to your growth as a software developer, system architect, or in other advanced	3	Emerging Tech	Intro to IoT	DIY projects
Packet Tracer Introduction	roles	5	Simulation Skills	Packet Tracer Intro	DIY projects

Digital Pioneers (DIGITAL CLUBS)

Month	Focus Area	Topic To be covered	Instructor	Course Duration	Start date	End Date
Feb - Mar	1. Digital Skills empowerment Project	Digital Literacy: * Basic Computer Skills * Internet and Web Navigation * Email and Communication Tools * Online Safety and Security * Productivity Applications (e.g., Word, Excel, PowerPoint)	ICT TEACHER OF THE CLUB	5 Weeks	2/9/2026	3/20/2026
May	2. Modern AI Awareness Project	Introduction to modern AI: * Overview of Artificial Intelligence * Machine Learning Basics * Natural Language Processing * Computer Vision * AI Applications and Ethics	ICT TEACHER OF THE CLUB	3 Weeks	4/27/2026	5/29/2026
July - Aug	3. Students lead digital project and interclub competition/challenges	Web Development: * HTML Basics and Structure * Text, Links, and Images in HTML * HTML Forms and Tables * CSS Fundamentals and Styling * Layouts and Responsive Design	ICT TEACHER OF THE CLUB	5 Weeks	7/6/2026	8/14/2026
Oct - Nov	4: Cyber awareness Project	Introduction to Cyber Security: * Overview of Cybersecurity * Common Threats and Attacks * Security Best Practices * Protecting Personal and Organizational Data * Cybersecurity Tools and Techniques	ICT TEACHER OF THE CLUB	3 Weeks	9/28/2026	10/31/2026