

# TechSavvy Program

The TechSavvy program by Code Rhythm is an innovative, comprehensive educational initiative designed to equip students aged 6 and up with essential skills for the future. This all-encompassing program combines seven courses into one integrated learning experience, spanning 24 class of in-depth study followed by 1 of hands-on projects.



TechSavvy is tailored for young minds eager to explore technology and develop a well-rounded skill set. The program offers a dynamic and engaging learning journey, preparing students for future challenges and opportunities in the tech world.

## Core Course: Python Programming

Program Duration:

- In-depth Learning: 10 classes (3 classes per week, 1 class the last week)
- Hands-on Projects: 1 projects
- Final Day: Project presentation and programme recap.

The Python Programming course is the cornerstone of the TechSavvy program. Python is a versatile, beginner-friendly programming language that serves as a foundational skill for many advanced technological and computational tasks.

## Integrated Modules

The following six modules are integrated with the Python programming course to provide a well-rounded educational experience. Each module is designed to complement the core programming course, enhancing the students' overall learning journey.

### 1. Mathematics

- Importance: Mathematics underpins programming logic and algorithmic thinking. This course covers essential mathematical concepts that are crucial for problem-solving and computational skills.
- Topics: Algebra, Geometry, Statistics, Probability, and Calculus basics.



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### 2. Design Thinking, Creative Thinking, and Problem Solving:

- Importance: This integrated course fosters innovation, creativity, and critical problem-solving skills. It empowers students to approach challenges with a design-oriented mindset, enabling them to generate effective solutions.
- Topics: Design Thinking Process, Ideation Techniques, Prototyping, Problem Analysis, and Solution Evaluation.



### 3. Ethics in Technology

- Importance: Understanding the ethical implications of technology is crucial in the digital age. This course addresses the responsible use of technology and the impact of technological decisions on society.
- Topics: Data Privacy, Cybersecurity, Digital Footprint, and Ethical Decision-Making.

## 4. Project Management

- Importance: Effective project management skills are vital for successful project execution. This course introduces students to project planning, execution, and evaluation.
- Topics: Project Life Cycle, Task Scheduling, Resource Management, and Risk Assessment.

## 5. Communication and Soft Skills:

- Importance: Strong communication and interpersonal skills are essential for collaborating effectively and presenting ideas clearly. This course enhances students' ability to communicate and work well with others.
- Topics: Verbal and Non-Verbal Communication, Teamwork, Presentation Skills, and Conflict Resolution.

## 6. Finance and Accounting

- Importance: Basic financial literacy is valuable for managing personal and professional finances. This course introduces fundamental concepts of finance and accounting.
- Topics: Budgeting, Financial Statements, Basic Accounting Principles, and Personal Finance Management.



## Mission

The mission of the TechSavvy program is to empower students with essential technical and practical skills for the future, blending rigorous learning with hands-on projects to cultivate well-rounded technological expertise.

You Can Get In Touch Via:

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Email: **[coderhythm@electrixity.co](mailto:coderhythm@electrixity.co)**

## Payment Plans



## Price

**KES 2,800** per class

## Payment Methods:

### Bank Transfer:

- Bank: NCBA Bank of Kenya
- Account Name: Electrixity Limited
- Account No: 9037450017
- Bank Code: 07
- Branch: 003
- Swift Code: CBAFKENX

### M-Pesa Transfer:

- Lipa Na Mpesa: Pay Bill
- Business No: 880100
- Account No: 9037450017
- Account Name: Electrixity Limited

*After making the payment, please send the transaction confirmation to our WhatsApp number: **+254 703 780 424.***

