

Proposal to Offer Coding Education Services

For Primary Schools



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Introduction

In the digital age, coding has become an essential skill, equipping children with critical thinking, creativity and problem-solving abilities. E-Portals Computer Services proposes a value-packed and comprehensive coding education program designed to introduce children in your school to the fundamentals of computer programming in an engaging and educational manner.

Objectives

Our primary objectives are:

- 1. To provide children with a foundational understanding of coding concepts.
- 2. To enhance children' problem-solving and logical thinking skills.
- 3. To foster creativity and innovation through hands-on projects.
- 4. To prepare children for future educational and career opportunities in technology.

Program Overview

Target Age Group: Grades 1 - 5

Course Duration: 10 weeks per term, one day/one hour per week]

Class Size: About 15 children per class to ensure individual attention.

Curriculum:

- Introduction to Coding: Basic concepts, syntax, and structure.
- Web Development Basics: HTML and CSS to create simple web pages.
- **Scratch Programming:** Visual programming language to create interactive stories, games, and animations.
- **Python Fundamentals:** Introduction to a widely-used, versatile programming language.
- Project-Based Learning: Children will work on projects to apply what they've learned.

Methodology

Our teaching methodology emphasizes interactive, hands-on learning:

- 1. **Interactive Lessons:** Engaging lessons that combine theory with practical exercises.
- 2. **Project-Based Learning:** Children will build projects that reinforce coding concepts.

- 3. Gamified Learning: Use of coding games and challenges to make learning fun.
- 4. **Collaborative Environment:** Encouraging teamwork through group projects and peer reviews.

Benefits to Children

- Enhanced Problem-Solving Skills: Coding teaches children to approach problems methodically and find solutions.
- **Improved Academic Performance:** Studies show that coding can enhance performance in other academic areas such as math and science.
- **Preparation for the Future:** Coding skills are highly valued in many careers, giving children a head start in the job market.
- **Creativity and Innovation:** Coding encourages children to create and innovate, turning their ideas into reality.

Implementation Plan

- 1. **Initial Meeting:** We hope to discuss the program with your school administrators to tailor our programme to the school's specific needs.
- 2. **Scheduling:** There will be need to coordinate with the school to establish a suitable timetable for the coding classes.
- 3. **Setup:** We shall provide all necessary programming materials and set up any required software on school computers. Children whose parents can afford to provide laptops for them will also be encouraged to do so.
- 4. **Training:** The programme shall commence with a brief orientation for teachers to understand the program and its objectives.
- 5. **Launch:** |We will begin the program with an introductory session for children.
- 6. **Monitoring and Evaluation:** There will be regular assessments and feedback sessions to ensure the program meets its objectives.

Resources Required

- **Computer Lab:** Access to a computer lab with internet connectivity.
- **Software:** Installation of necessary software (e.g., Scratch, Python IDE) on school computers.
- Classroom Materials: Handouts, project guides, and other instructional materials.
- Support from School Staff: Assistance from teachers or IT staff during initial setup and classes.

Pricing and Funding

Pricing Structure:

We offer our services at the affordable fee of N6,000 per pupil

Conclusion

We believe that our coding education program will provide valuable skills to children in your school by encouraging them to have a love for technology and innovation. We look forward to the opportunity to collaborate with you and contribute to your children' educational growth.

Contact Information:

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Thank you for considering our proposal. We are excited about the possibility of bringing coding education to your school and look forward to discussing this further.