Digital Skills Explorer

Coding & Digital Literacy For Kids (+7)

1 Digital Literacy Foundations

Rookie

Description

This course introduces students to the fundamentals of digital literacy and computational thinking. Students explore how computers, the Internet, and software work, while building safe online habits.

Outcome

- Understand basic computer parts and Functions.
- Learn about fundamental programming concepts.
- Navigate safely between Websites and digital platforms
- Use essential digital tools effectively (Mouse, Keyboard)
- Develop confidence in expressing ideas using digital technology

2 Coding Foundations with Puzzles

Rookie

Description

This course focuses on core programming logic through sequencing, patterns, repetition, and debugging. Students strengthen problem-solving skills by learning how to write efficient code and create interactive stories and drawings.

Outcome

- Develop logical thinking and problem-solving skills by exploring different problem-solving techniques.
- Understand the meaning of coding and programming in a clear and practical way.
- Apply programming concepts to create simple projects.

3 Digital Stories Making

Boss

Description

This course introduces ScratchJr as a creative programming environment. Students design animations, stories, and games while deepening their understanding of loops, events, parallel actions, and debugging through hands-on projects.

Outcome

- Use the ScratchJr platform confidently.
- Communicate ideas clearly through digital projects.
- Identify and fix basic bugs in their code.
- Create interactive digital stories and games.
- Build projects step by step using structured thinking.

4 Game Studio

Pro

Description

This advanced course focuses on deeper programming concepts through game and story design in ScratchJr. Students learn how to coordinate multiple characters, manage timing, communication, and complex interactions.

Outcome

- Demonstrate advanced use of the ScratchJr platform.
- Design and build more complex digital stories and games.
- Communicate ideas and explain the debugging process clearly.
- Develop larger projects using structured, step-by-step thinking.

Requirements

A computer or tablet with good **internet access** and a working webcam

Each course has **8 sessions** (1 hour per session), and **prior course completion is required.**

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