The Coding Wizards

Program Overview:
The Coding Wizards workshop is 3 hours *(split in 3 days 1 hour per day)* immersive experience that introduces kids aged 8-13 to the world of block-based programming.
Through a series of engaging activities and interactive lessons, participants will learn how to harness the power of code to bring their digital creations to life.

Objectives:

- Develop foundational coding skills using intuitive block-based programming languages like Scratch or Blockly.
- Cultivate computational thinking, problem-solving, and logical reasoning abilities.
- Spark creativity and imagination by empowering kids to design and build their own interactive projects.
- Foster a sense of wonder and excitement around the possibilities of technology.

Target Audience:
Kids from 8 to 13 years old

Prerequisites: Basic English and no prior coding experience is necessary.

Duration:
3 hours

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Programme

Modules
Day 1 (1hour)
• Welcome to the Coding Wizards! Icebreaker activities and exploring the workshop space.
• Discovering the magic of block-based programming and its purpose.
• Hands-on activities to learn the basic building blocks of code: sequences, loops, and conditionals.
Day 2 (1 hour)
• Delving into sprite creation and animation using block-based programming tools.
• Bringing characters to life through interactive coding challenges.
• Collaborative project: Designing and coding a magical creature that responds to user inputs.
• Exploring the art of world-building through block-based programming.
• Designing backdrops, scenery, and interactive elements for digital environments.
Day 3 (1 hour)
• Project: Creating a Story through the block code.
• Refining and polishing digital projects created throughout the workshop.
• Presenting and showcasing the Coding Wizards' creations to family and friends.
• Reflection and celebration of the participants' coding accomplishments.

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