



IMPACT™

IN PARTNERSHIP WITH

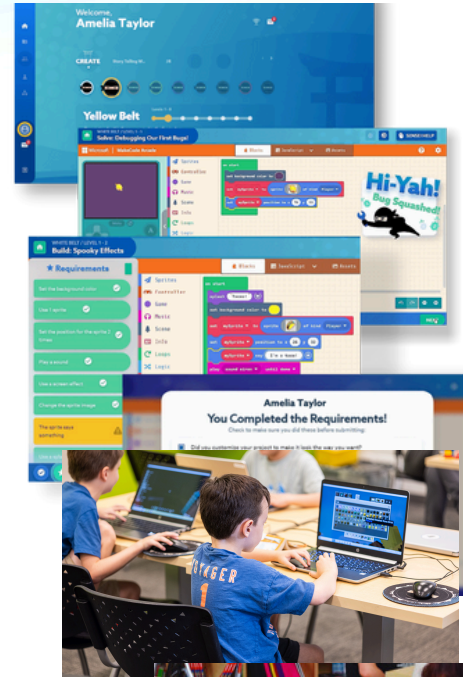


"A WORLD WHERE KIDS WRITE THE CODE"

At Code Ninjas, we are committed to delivering top-notch computer science education to students across the globe. To accomplish this mission, we have developed a curriculum that aligns with internationally recognized standards.

Our programs are designed to follow the Computer Science Teachers Association (CSTA) Computer Science Standards, which have gained worldwide recognition. In the United States, state standards for computer science education are largely based on the CSTA standards.

IMPACT is designed specifically to help your child learn valuable coding and computer science skills, in a fun, interactive and engaging way. Code Ninjas believe in the power of playful project-based learning IMPACT -Our powerful learning algorithms assess your child's needs and customize a learning path personalized to them and their needs.



AFTER SCHOOL CODING ENRICHMENT PROGRAM

WHERE: WHITE EAGLE ELEMENTARY SCHOOL (MPR ROOM)

WHEN: EVERY THURSDAY - 03/20, 03/27, 04/10, 04/24, 05/01, 05/08, 05/15, 05/22

GRADES: 2-5

TIME: 3:40 - 4:40 PM

SCHOOL SPECIAL : \$249

8 Weeks

REG: \$299

SCHOOL PARTNERSHIP PROGRAMS



REGISTER NOW

<https://bit.ly/3ECp3pY>



CODE NINJAS®
SOUTH NAPERVILLE

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331-229-8922

CODE NINJAS IMPACT STANDARDS ALIGNMENT OVERVIEW

CODE NINJAS PROGRAMS	JR	CREATE								
		White	Yellow	Orange	Green	Blue	Purple	Brown	Red	Black
Programming Language	Graphic Blocks	Blocks	JavaScript (text)			C# (text)				
Tool	ScratchJr	MakeCode Arcade Blocks	MakeCode Arcade JavaScript			Unity				
CSTA Standards Band	1A	1B	1B / 2			2 / 3A				

BLOCK CODING

JAVASCRIPT

C#

WHITE BELT
Introduction to IMPACT & Coding with Blocks
 Begin your journey using blocks to learn basic coding skills as you create your own projects.

YELLOW BELT
Advanced Coding Skills with Blocks
 Continue your journey using blocks to learn more advanced coding skills as you use tilemaps to create your own projects.

ORANGE BELT
Transition to Coding with JavaScript
 Use the coding skills you've already learned as you explore how to code your own projects in JavaScript.

GREEN BELT
Intermediate Coding with JavaScript
 Journey deeper into coding with JavaScript as you use tilemaps to create more advanced projects.

BLUE BELT
Advanced Coding with JavaScript
 Show everything you've learned about coding with JavaScript as you create complex projects.

PURPLE BELT
Professional Development Environment
 Concepts: Unity interface, intermediate game design concepts, custom animations, foundations of game-building in Unity.

BROWN BELT
Advanced Programming
 Concepts: Meshes and assets, ray casting built in Unity tools, object-oriented programming principles using C#

RED BELT
Advanced Game Design
 Concepts: Scene management, world design, game mechanics, using the Unity Asset Store.

BLACK BELT
Custom Game Development from Concept to Delivery
 Concepts: Storyboarding, planning, prototyping, playtesting, publishing.

WHY CODING SKILLS MATTER MORE THAN EVER

In 2024, generative AI is transforming daily tasks, from making grocery lists to writing code. While AI's growth sparks fears of job loss, it actually creates more opportunities. Teaching children to code is essential for them to leverage these opportunities and enhance their creativity.

BENEFITS OF LEARNING TO CODE

Coding helps children think critically, solve problems, and collaborate. With AI generating starter code, learning to code becomes more accessible, fostering creativity and technological skills.

THE FUTURE OF CODING JOBS

Dive into the future of coral reef conservation! SurfPerch, an AI tool, analyzes underwater sounds to monitor reef health, proving that any field, from marine biology to art, benefits from coding skills. This technology, powered by citizen science and innovative data analysis, highlights how coding enables professionals to build systems that solve complex problems, analyze vast datasets, and drive impactful research. Whether you're a scientist, artist, or businessperson, understanding coding empowers you to create and utilize AI tools, opening new avenues for discovery and innovation in a rapidly evolving world.

AI provides the starting point, but you are ultimately responsible for the final product. You use your critical thinking skills and creativity to apply the generated results in the way you want and need."

-Ed Kim, VP of Education & Training, Code Ninjas

