



21ST CENTURY PASSION PROJECTS FOR 6-8TH GRADES 4CES.Club



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About Us

Our specially designed programs focus on developing the 4C's skills: Creativity, Critical Thinking, Collaboration, and Communication. Our goal is to equip children with a universal skillset that gives them a head start in the future, makes them open minded and versatile.

With this foundation, kids will become fast learners, mastering any competency quickly. They'll learn to control and channel their creativity towards both big and everyday innovations. They will thrive in culturally diverse teams, thanks to their communication skills, and adapt easily to the fast-paced, ever-changing world.



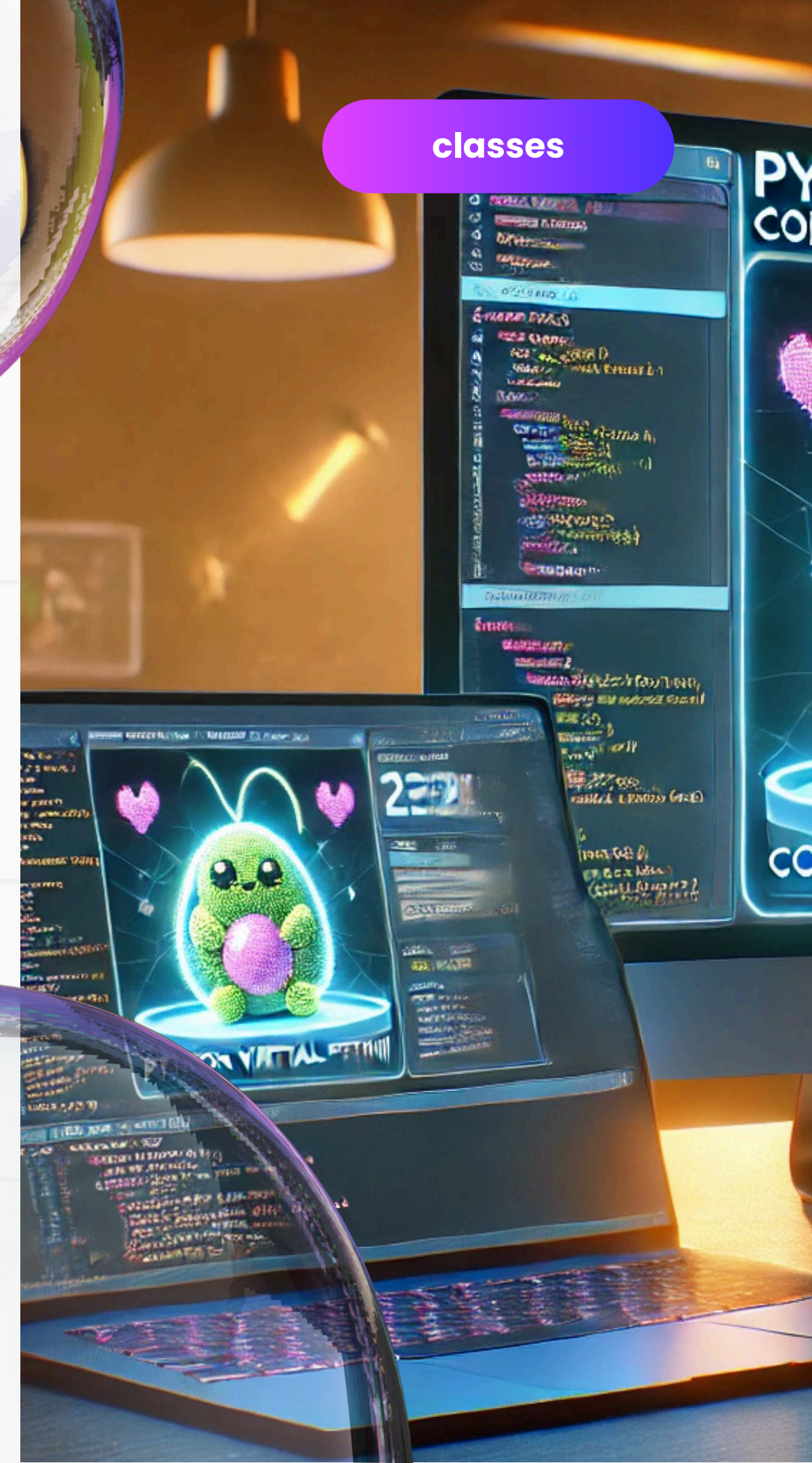
Python Virtual Pet: Code Your Own Tamagotchi!

Ever wanted a pet that doesn't shed, make a mess, or mysteriously disappear under the couch? In this beginner-friendly Python course, you'll program your very own digital creature—feeding it, playing with it, and making sure it doesn't glitch into chaos. Can you keep it happy, or will it rebel against its creator? The code is in your hands!

Skills:

- Programming logic,
- Problem-solving,
- Computational thinking,
- Digital creativity

classes



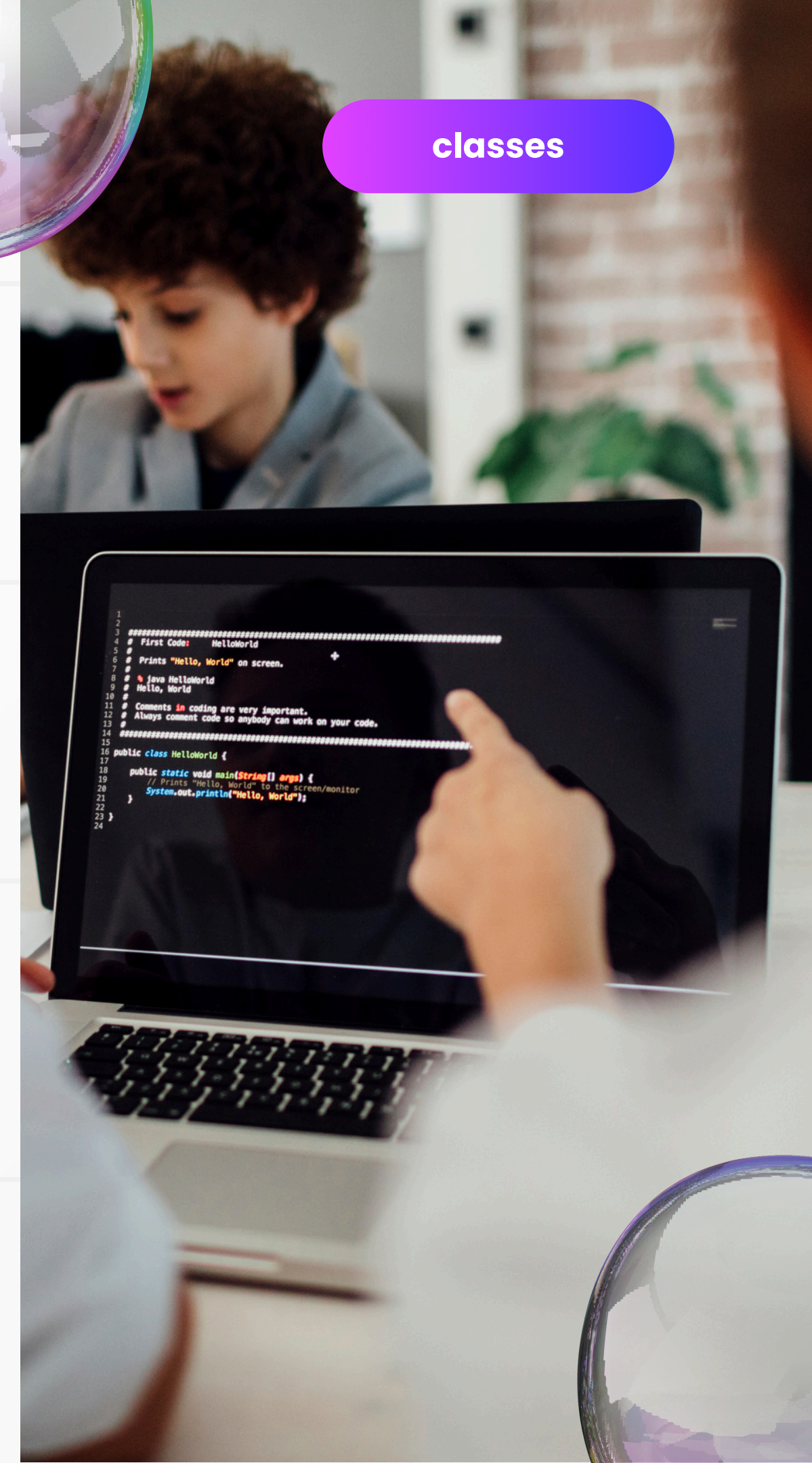
Startup Bootcamp: Launch Your Own Business!

Got a million-dollar idea (or a dream to build something awesome)? In this hands-on course, you'll learn how to turn an idea into a real online business! Design your product or service, learn to build a website with HTML & CSS, and master the skills every entrepreneur needs—like problem-solving, smart decision-making, and staying cool under pressure. Who knows? Your startup might just be the next big thing

Skills:

- Entrepreneurial mindset,
- Website development,
- Creative problem-solving,
- Leadership

classes





classes

Game Theory: Master the Strategy Behind Video Games!

Playing video games is fun—but cracking the code behind them is next-level! Games aren't just about button-mashing; they're built on smart strategies and AI-driven decisions. In this course, you'll uncover the secret rules that make games exciting, learn how different in-game elements (agents) interact, and even design your own game strategy.

Ready to outthink
the system?
Let's level up!

Skills:

- Strategic thinking,
- AI concepts,
- Problem solving,
- Decision-making

Game Guru: Build Your Own Chatbot Assistant

What if you had a secret weapon in every game? In this course, you'll program your own AI chatbot to give hints, share strategies, and help you level up faster. Whether you need a battle plan or a quick gaming tip, your AI assistant has your back—because you built it!

Skills:

- LLM's concepts,
- Logical reasoning,
- Coding fundamentals,
- Prompt engineering



AI Gamer: Teach AI to Play Like a Pro

Ever wondered how AI learns to beat human players? In this hands-on challenge, you'll design a game environment with rewards and penalties, then train an AI to get better and better at playing—just like a real gamer!

classes

Skills:

- AI concepts,
- Logical reasoning,
- Decision trees,
- Reinforcement learning



3D Animation: Bring Your LEGO World to Life!

Building with LEGOs is fun—but what if you could make them move? In this course, you'll learn how to animate in 3D, bringing your LEGO characters to life with movement, expressions, and epic action scenes. Make them run, jump, and interact—just like in The LEGO Movie!

Skills:

- 3D animation,
- Motion design,
- Storytelling,
- Creative problem-solving

classes



2D Animation: Animate the Unthinkable!

classes

Got wild, crazy, totally out-of-this-world ideas? Perfect! In this course, you'll unleash your imagination, create a one-of-a-kind character, and bring it to life through 2D animation. If you can dream it, you can animate it—no idea is too weird!

Skills:

- 2D animation,
- Character design,
- Storytelling,
- Digital creativity



3D Design: Create your own Character

Whether you dreamt about creating your own cartoon or a video game -this is the class for you. You'll learn to build and sculpt your very own 3D character! Learn the basics of 3D modeling and bring your original designs to life in a digital world.

classes

Skills:

- 3D design,
- Character design,
- Digital creativity,
- Spatial thinking



Digital Art Lab: Create Epic Digital Posters or Manga, Comic

Combine creativity with cutting-edge AI tools to generate stunning artwork! Whether you love anime, comics, or posters, you'll learn how to use AI to design incredible visuals, create your unique story and learn about digital design to edit and enhance your unique project.

Skills:

- Digital illustration,
- AI-assisted creativity,
- Storytelling,
- Graphic design



Our Programs

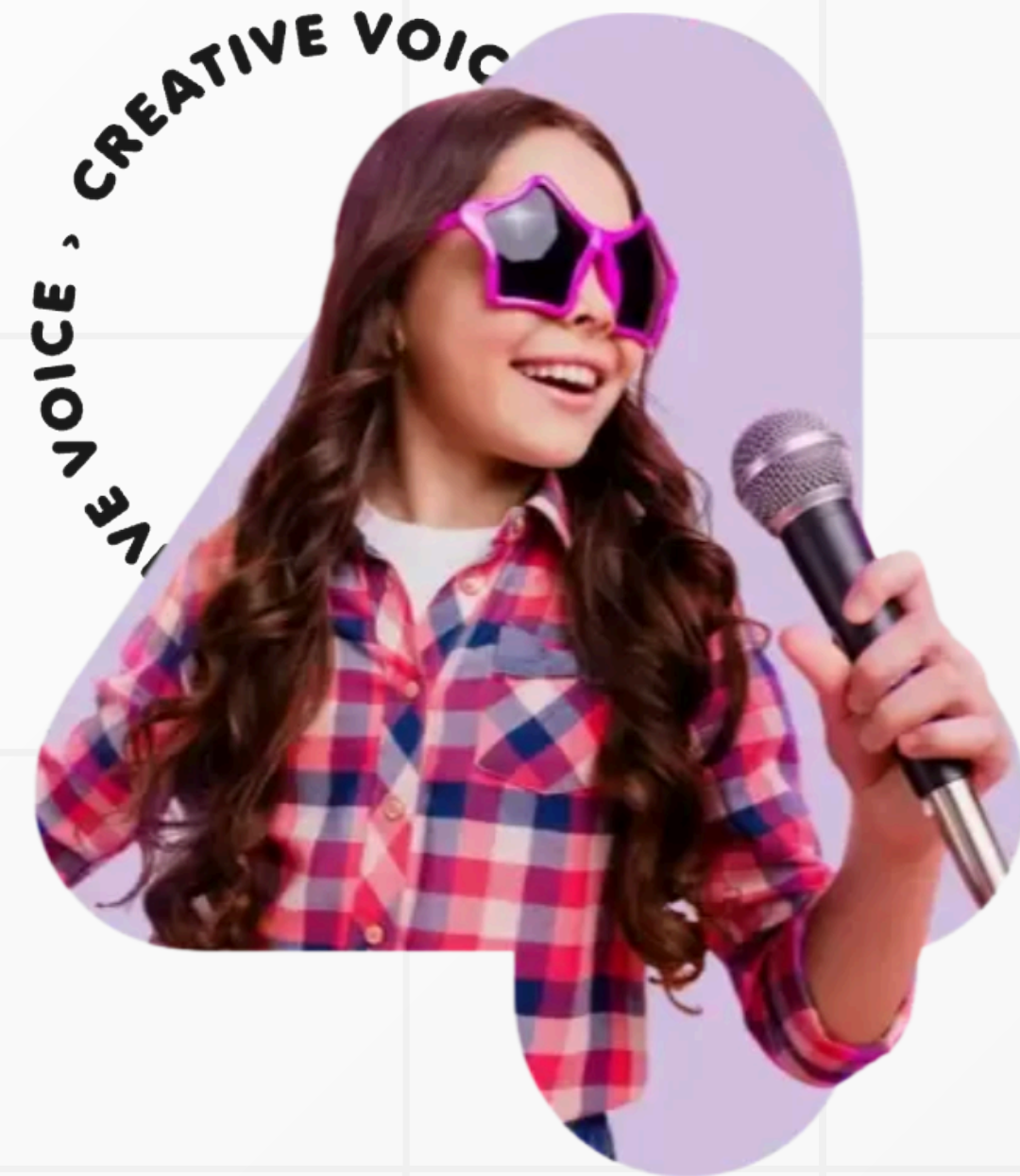
We have diligently crafted comprehensive programs for all our classes, encompassing a wide spectrum of 21st-century skills, commonly known as the 4Cs



classes

Creative Voice

A vibrant and imaginative voice fosters an environment of seamless collaboration and boundless creativity, paving the way for innovation and inspired solutions.



Center Stage

Stepping into the spotlight, we find a dynamic stage that intertwines the artistry of creativity, the emotional intelligence of social learning, and the power of collaboration to ignite a transformative experience.



Critical Thinking

Anchored in the essence of all 4Cs, critical thinking serves as the cornerstone of intellect, guiding individuals to analyze, ideate, communicate, and collaborate effectively, propelling progress and innovation across all domains.



Improvisation

Improvisation, the artful fusion of spontaneity, creativity, collaboration, and adaptability, becomes the driving force behind unforgettable performances and breakthrough innovations.



Coding

In the realm of coding, a symphony of critical thinking, collaborative problem-solving, and inventive ideation unravels, bringing digital innovations to life and shaping the future of technology.



Creative Writing

Our Creative Writing class is perfect for the kids with exuberant imagination and all-absorbing desire to write stories, create new worlds, fantastic characters and twisting plots. The class primarily targets the development of creativity and critical thinking in kids along with skillful turn of phrase.

CREATIVE WRITING



Let us know if you'd like to learn more about our new programs.

If you have any questions, feel free to contact us:
julia@4ces.club or call +1 484-252-4173



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