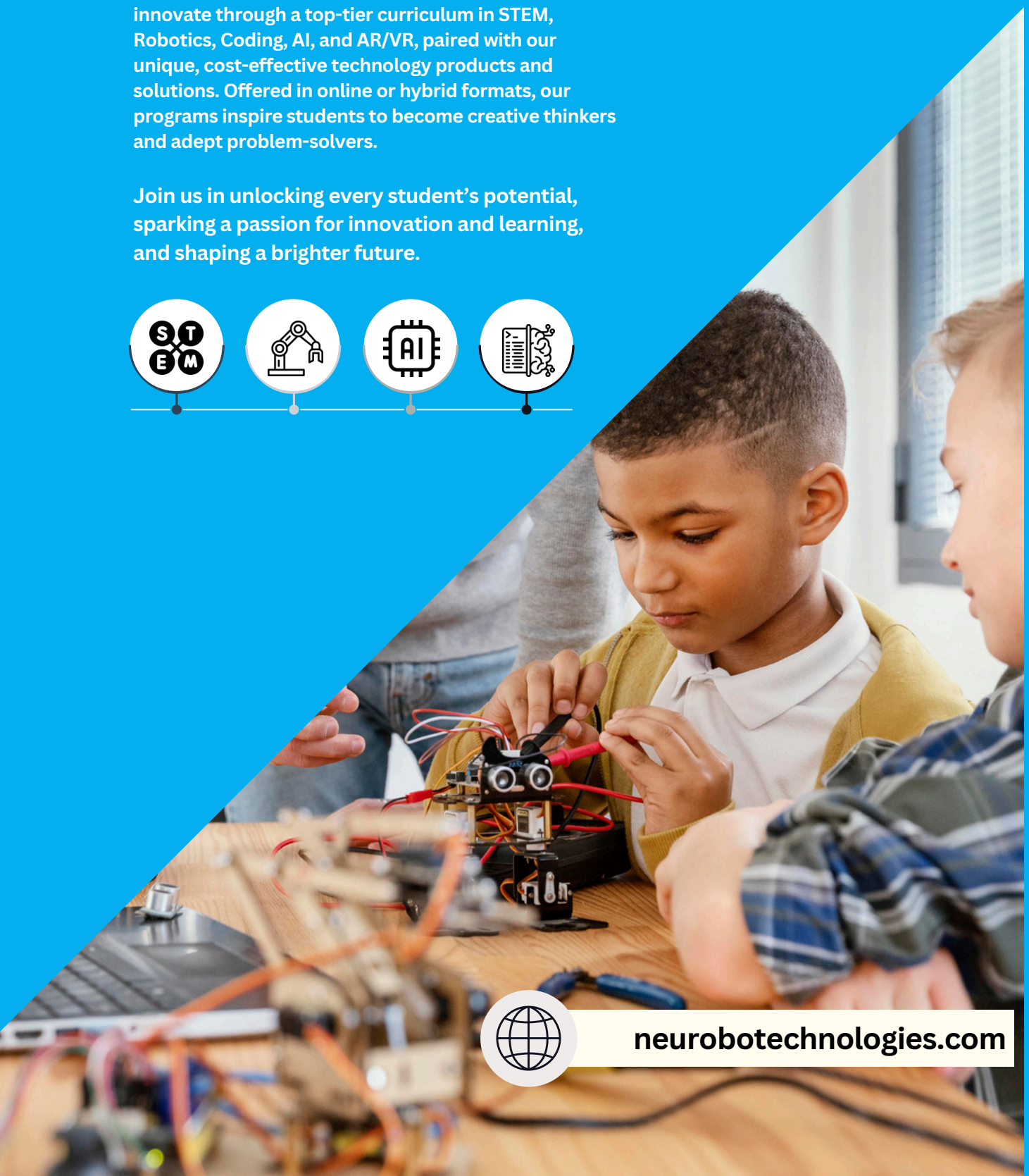
NeuRobo TECHNOLOGIES

"Empowering Minds, Shaping Futures"

NeuRobo Technologies delivers comprehensive solutions to K-12 schools worldwide, fostering innovation and 21st-century skills in students aged 6-18. We empower young learners to explore and innovate through a top-tier curriculum in STEM, Robotics, Coding, AI, and AR/VR, paired with our unique, cost-effective technology products and solutions. Offered in online or hybrid formats, our programs inspire students to become creative thinkers and adept problem-solvers.

Join us in unlocking every student's potential, sparking a passion for innovation and learning, and shaping a brighter future.



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NeuRobo Technologies

Our Vision and Mission

Vision

NeuRobo Technologies strives to cultivate innovation and 21st-century skills in K-12 students worldwide, equipping them for a technology-driven future. We are dedicated to empowering every learner to enhance essential skills such as Logical Thinking, Creativity, Computational Thinking, and Problem-Solving.

Mission

Our goal is to create a dynamic environment that harnesses cutting-edge technology in education, empowering children through STEM, Robotics, Coding, AI, and AR/VR to excel academically and tackle real-world challenges with innovative solutions.

OUR OFFERINGS FOR K-12 SCHOOLS

STEM

1

STEM education builds critical thinking and innovation through hands-on learning for a tech-driven future

Robotics

2

Robotics develops creativity and real-world problem-solving through robot design and programming

Coding

3

Coding enhances logic and creativity, teaching students to build real-world applications

Artificial Intelligence & IOT

4

AI and IoT teach smart tech concepts to solve modern challenges

Machine Learning

5

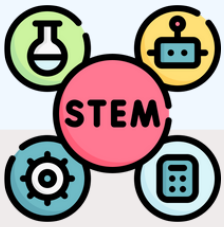
Machine Learning builds analytical thinking by training algorithms to learn from data

AR & VR

6

AR and VR inspire creative, immersive learning for future-ready tech skills

Why NeuRobo Technologies' Integrated Programs Are Essential for 21st-Century Schools and Students



Why STEM Education?

- Cultivate future innovators and problem-solvers.
- Unleash logical and imaginative thinking from an early age.
- Foster a culture of invention among students worldwide

1

Why Hands-On Learning?

- Inspire through active participation and reflection.
- Experiment with and refine new skills and capabilities.

2

Why Design Thinking?

- Encourages students to ask thoughtful questions.
- Promotes an adaptable and open-minded mindset.
- Enables effective problem-solving for every challenge.

3

Why Experiential Growth?

- Acquire wisdom through hands-on experiences.

4

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The Imperative of NeuRobo Technologies' STEM Programs for Tomorrow's Workforce

- **Forbes Insight:** By 2025, 130 million jobs will emerge in AI, driven by technological advancements.
- **World Economic Forum Prediction:** By 2030, 65% of children in primary schools today will work in entirely new roles yet to be defined.
- **McKinsey Report Finding:** Around 300 million people may need to transition to new occupations, mastering tech, social, and cognitive skills by 2030.
- **U.S. Department of Education Emphasis:** In a rapidly evolving, complex world, it's vital that students gain knowledge, solve problems, and make informed decisions—core strengths nurtured by STEM education.

Research highlights that early **STEM integration** boosts 21st-century skills like **critical thinking** and **problem-solving**, essential for students to thrive in the global job market. NeuRobo Technologies' programs empower schools to equip young learners with these capabilities, ensuring they lead in a future shaped by innovation.
Learn more at **www.neurobo.in**.

Forbes

WORLD ECONOMIC FORUM

McKinsey & Company

Future careers will extend beyond specialized skills and knowledge, requiring creativity and critical thinking as well.

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What we do?

To nurture creativity and problem-solving, preparing students as global tech leaders.

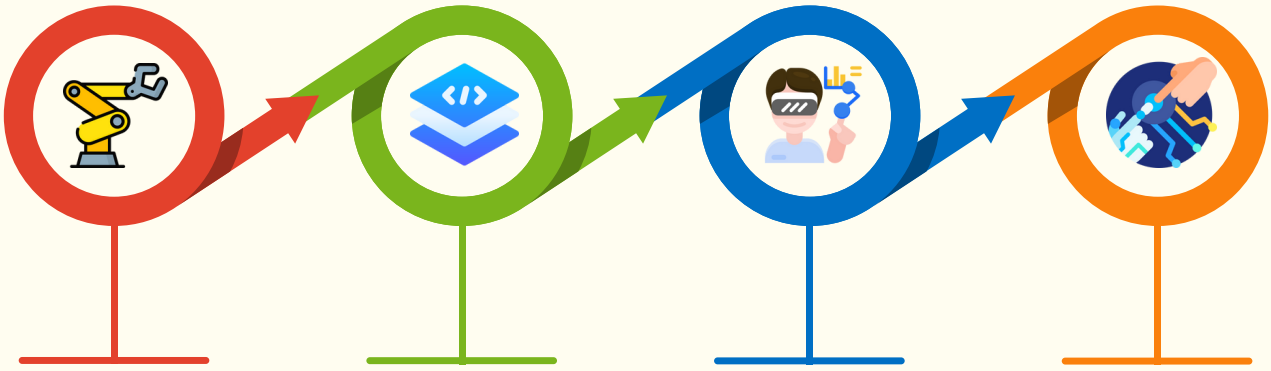
Equipping students for a fast-evolving tech landscape.

Fostering innovation and 21st-century skills.

Inspiring kids to become creative thinkers and problem-solvers.

Offering integrated, end-to-end solutions for schools, aligned with NEP 2020.

How we do it?



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Our OFFERINGS FOR K-12 SCHOOLS

STEM & Robotics

The STEM and Robotics program prepares students for the 21st-century workforce by building skills to tackle complex problems and innovate in a fast-evolving world. Robotics enables hands-on learning of STEM principles, teaching students to code, design, and create their own robotic projects or models. This program emphasizes team-based, project-based learning, encouraging students to develop solutions for real-world issues.

Coding & Artificial Intelligence

Coding and AI provide an exciting, interactive tech introduction for young learners. Kids start with block-based coding, using vibrant visual blocks to create games, stories, and animations. Integrating AI into curricula is key for tech literacy. Hands-on projects offer practical AI insights, unlocking innovative, real-world solutions.

Augmented Reality & Virtual Reality

AR/VR creates a smart, immersive learning space, placing students at the core of education. This distraction-free, experiential approach deepens engagement with topics and helps teachers identify knowledge gaps quickly. By addressing these issues promptly, AR/VR ensures a more relevant and impactful experience for both students and educators.

Atal Tinkering Lab

ATL is a specialized innovation hub in Indian schools, launched under the Atal Innovation Mission (AIM) by NITI Aayog, Govt. of India. It aims to spark creativity, problem-solving, and tech interest in students. NeuRobo Technologies, a leading edtech provider, has established over 2000+ ATLs nationwide, fostering an innovative and creative environment for Indian learners aligned with this initiative.

Our Methodology

NeuRobo's STEM programs are built on CIC methodology and a strong Design Thinking foundation

Consumer

Innovator

Creator

1. Consumer

Students begin their journey as consumers, engaging with DIY kits and coding platforms to explore real-world scenarios.

2. Innovator

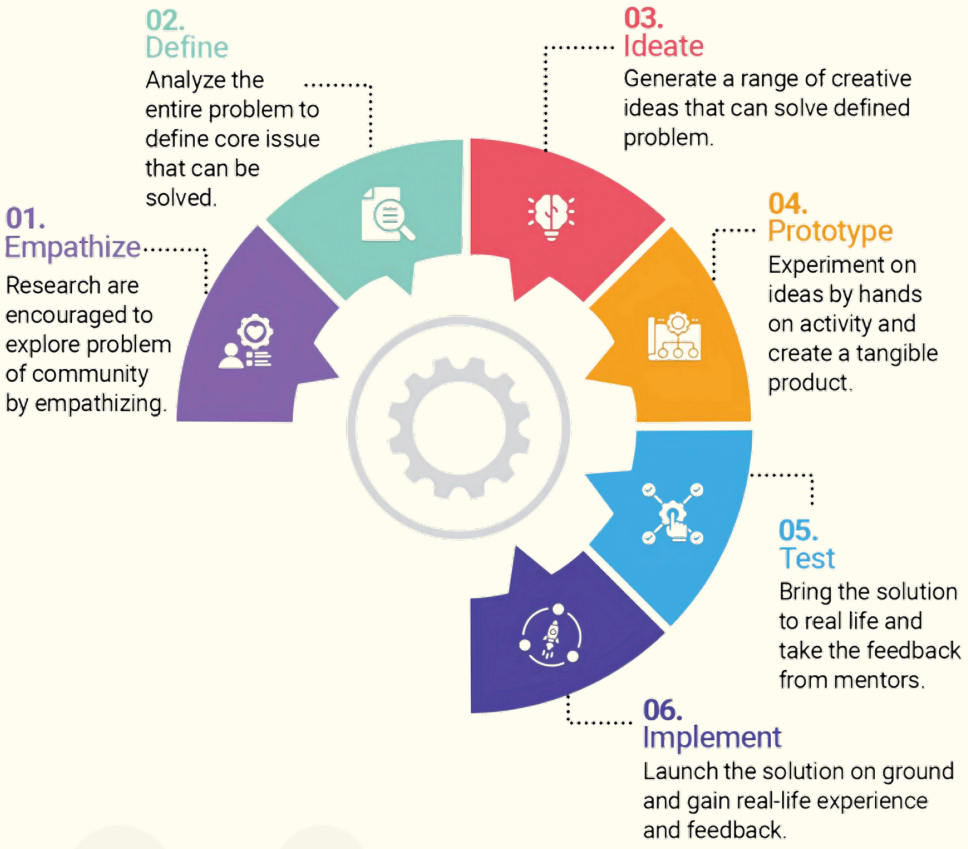
Through Activity-Based Learning (ABL), students build critical thinking and creativity, transitioning into innovators who think beyond conventional boundaries.

3. Creator

As creators, students use Project-Based Learning (PBL) to develop real-world solutions aligned with the UN Sustainable Development Goals (UNSDGs).

Design Thinking Approach at NeuRobo

- **NeuRobo empowers students to solve real-world problems through a Design Thinking-based STEM approach.**
- **Students learn to empathize, ideate, prototype, and iterate using hands-on, project-based learning.**
- **This process builds essential skills like creativity, critical thinking, and collaboration.**
- **Prepares learners to tackle real challenges and drive innovation in the tech-driven world.**



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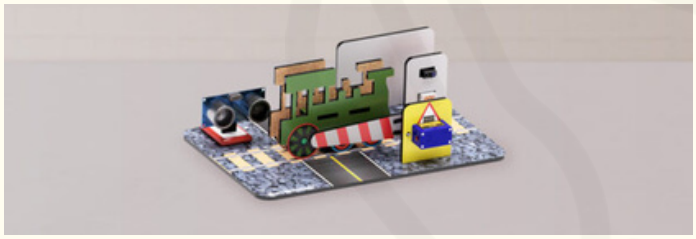
Our
In-House DIY Kits

Tinker Orbits

- Robotics and IoT 2-in-1 Kit introducing electronics, AI, and IoT concepts.
- Features color-coded, plug-and-play input and output modules.
- Programmable kit inspiring innovative and creative projects.

BitLi

- Engages K-12 students with hands-on Robotics, AI, and ML projects.
- Features block-based coding, curriculum-aligned, project-based learning.
- Programmable kit with block-based assembly fosters problem-solving skills.



Tinker Orbits Project Based Learning

- Includes 13+ easy-to-assemble, multifunctional models.
- Features engaging IoT and sensor-based projects.
- Nurtures a creative mindset among students.

STEMBOT

- Equips students with AI and ML skills through interactive hands-on experiments.
- Simple to program, featuring built-in sensors and actuators for diverse projects.
- User-friendly GUI-based block coding enables seamless AI project development.

STEM Paper Circuit

- Introduces electronics basics through artistic and creative expression.
- Promotes exploration of electronic concepts for primary students.
- Safe, user-friendly kit for crafting innovative electronics projects.

Our
In-House DIY Kits

Tinker 'N' Design

- Augmented Reality-enhanced 3D pen prototyping kit.
- Perfect for primary students to explore 3D visualization.
- Great for teaching 2D-to-3D modelling in math concepts.

Mechatron

- Mechanical construction kit ideal for children aged 6+ years.
- Teaches concepts like force, friction, gears, and motors through hands-on learning.
- Includes 150+ parts, supports 20+ robotics projects, with an easy-to-follow guided manual

Arduino Robotics Kit

- Prototyping kit ideal for exploring electronics and programming concepts.
- Inspires students to undertake DIY projects and product innovation.
- Durable, reusable institutional kit enhanced by a gamified coding platform.

Basic Electronics Kit

- Offers 50+ engaging circuit combinations with reusable electronic components.
- Features STEM expert-curated content for fun, practical electronics learning.
- Supports solderless circuits, simulations, and real-time prototyping.

Smart Circuit

- Unleashes creativity with over 60 DIY electronics projects.
- Features specially designed magnetic modules for enjoyable learning.
- Includes an easy-to-follow manual for activity and project-based exploration

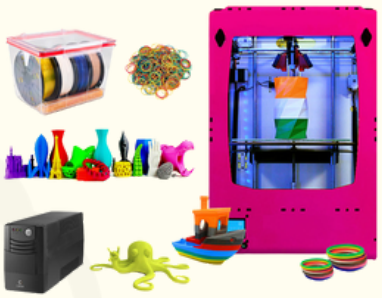
Our In-House DIY Kits

Pick & Place Tank

- Sturdy design with an integrated gripper for hands-on educational experiences.
- Supports pick-and-place tasks and competitions like Robo War.
- Experience industrial automation via wireless programming technology.

Arctic 3D Printer

- Experience hands-on learning with our DIY IoT-enabled Arctic 3D Printer.
- Ignite creativity and imagination with vast design opportunities.
- Elevate student projects with high-quality 3D printed prototypes.

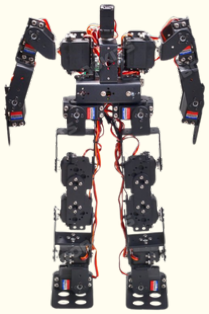


Drone

- An easy-to-code, modular, open-source drone for young learners.
- Enjoy building and mastering drone technology with a fun DIY experience.
- Program your drone using a user-friendly GUI-based IDE with sample projects.

Fun Linker

- Boosts creativity for young learners with 240+ sticks and building blocks.
- Improves hand-eye coordination, imagination, and logical reasoning skills.
- Offers endless combinations to teach spatial thinking and basic building techniques.

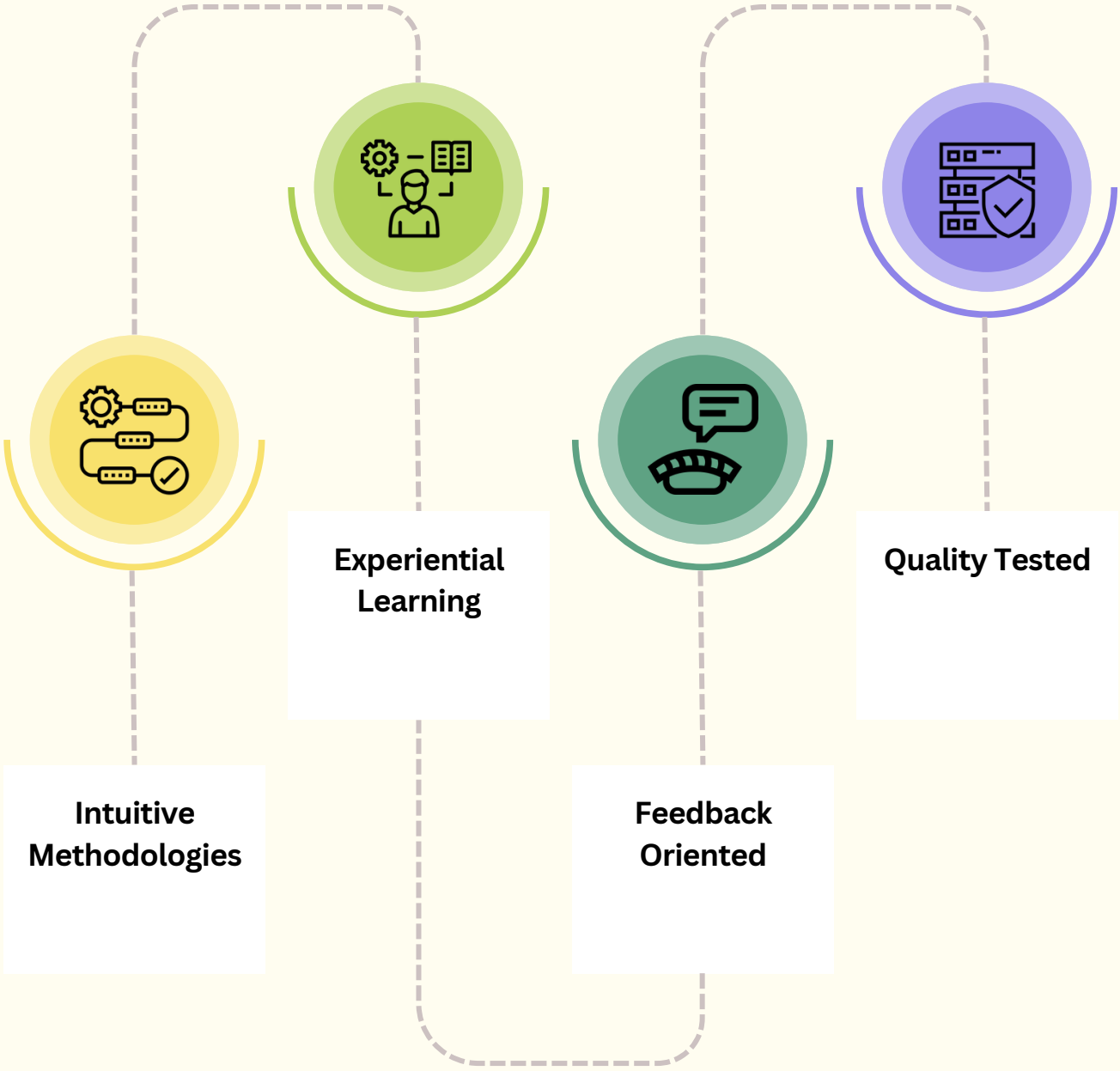


Humanoid

- Features pre-built commands for movement, dance, and storytelling functions.
- Easily programmable using remote control for customized actions.
- A versatile educational humanoid robot, ideal for interactive learning experiences.

Why NeuRobo Technologies?

A leading provider offering comprehensive end-to-end implementation support for K-12 schools and students, ensuring innovative STEM education.



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