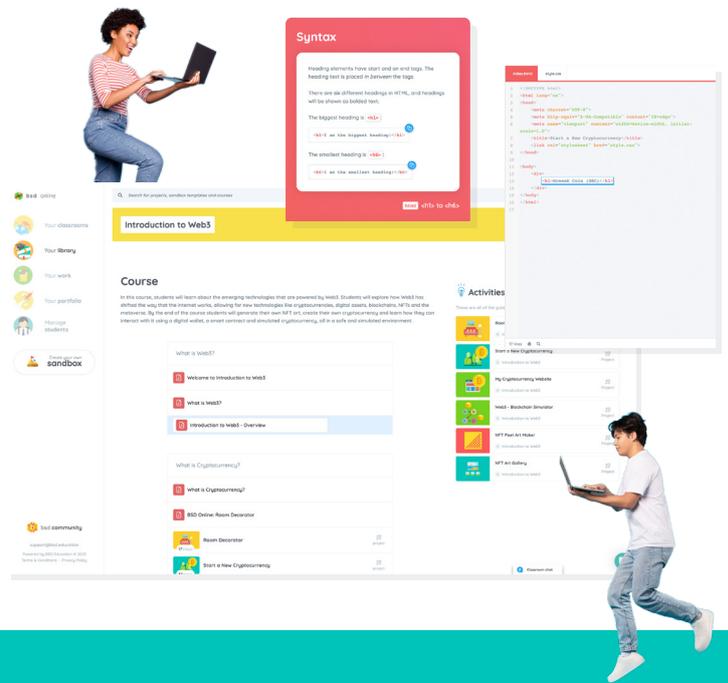# bsd | education

academy
catalogue

Digital Empowerment
Change Makers: Ideas into Action
Future-Ready Pathways
Customization

About us

BSD Education is a global organization dedicated to transforming education through innovative technology and curriculum development. BSD Education partners with schools to provide comprehensive digital skills programs and resources that integrate technology, coding, entrepreneurship through project-based learning into students' educational journeys.

BSD Education excels in customizing programs for schools and students. We collaborate closely with schools to conveniently integrate programs into their schedules and to meet their learning priorities.

Contextually theme based learning creates immersive experiences centered around specific topics. Age-appropriate content and activities are carefully curated to challenge and motivate students.

Our personalized programs align with school requirements and provide enjoyable, enriching learning experiences tailored to students' interests and developmental stages.

Through after-school programs, holiday camps, workshops, and future readiness programs, BSD Academy offers hands-on learning opportunities in coding, robotics, design thinking, and future readiness.

With flexible learning formats including in-person classes, online learning, and blended models, BSD Education caters to schools' diverse needs and student preferences. The ultimate goal of BSD Academy is to inspire and empower students, fostering confidence, creativity, and digital literacy to prepare them for success in the future.

Want to learn more?

Contact us

✉ info@bsd.education
🌐 www.bsd.education

Digital Empowerment
programs

AGE 6+
with all levels of digital skills

Game Development

Equip students with coding, game design, and problem-solving skills. They create interactive games to bring ideas to life through unique projects and prepare for software development and digital media industries.

HTML, CSS, JavaScript, and Phaser JS

App Development

Empowers students to create functional apps through hands-on learning in UI design, coding, and deployment using Swift or Java. Emphasizes problem-solving for careers in software development, UX design, and entrepreneurship.

HTML, CSS, JavaScript, and Phaser JS

Web Development

Students master in web development, crafting dynamic websites with responsive layouts and interactive designs. They acquire valuable skills for careers in web design, front-end development, and user experience.

HTML, CSS, JavaScript, and Python

Artificial Intelligence (AI)

Students gain practical AI knowledge, exploring machine learning, neural networks, and data analysis. They apply it to real-world projects, preparing for careers in data science, AI engineering, and automation.

HTML and JavaScript

Virtual Reality (VR)

Students acquire practical VR skills in design, development, and user experience. They create interactive virtual environments using 3D models, animations, and VR tools, preparing for careers in gaming, simulation, architecture, and entertainment.

HTML, CSS, JavaScript, and A-Frame

Web3 and Blockchain

Equips students with practical knowledge of decentralized systems, smart contracts, distributed ledgers, and blockchain fundamentals. They develop DApps and apply blockchain and NFTs in industries like art and gaming through hands-on projects.

HTML, CSS, JavaScript, and A-Frame

Minecraft

Immersive course using a popular video game to teach programming, critical thinking, and computational thinking. Hands-on activities foster creativity and problem-solving skills in a dynamic environment.

Creativity, Critical Thinking, Engineering Mindset, and Digital Arts Manipulation

---

Change Makers:
Ideas into Action

We empower students as change-makers by offering three distinct programs: **Robotics classes, a CAS (Creativity, Activity, Service) week, and an Entrepreneurship bootcamp.** These programs encourage critical thinking, problem-solving, creativity, collaboration, and an entrepreneurial mindset. Students are empowered to make a positive impact and transform their ideas into tangible actions that benefit both themselves and their communities.

Robotics

Ignite passion for STEM and robotics through engaging projects and challenges. Develop coding, engineering, and robotics skills as students explore sensors, motors, and mechanical systems in real-world scenarios. Compete and showcase abilities, unlocking creativity and sparking a lifelong love for technology.

AGE 8+

CAS Week (Creativity, Activity, Service)

Tailored programs, aligning with school schedules and catering to students' unique interests. Whether it's creating a website, or developing a game, students engage in hands-on projects that enhance their digital literacy and creativity. Experience this transformative personalized journey, combined with contextually relevant offsite activities, to further enrich the learning experience.

AGE 6+

Entrepreneurship Bootcamp

The Entrepreneurship bootcamp ignites students' entrepreneurial spirit and equips them with essential business skills. The program is tailored to each student group, with a customized curriculum and activities. Students learn about business fundamentals, receive mentorship, and pitch their innovative ideas. The bootcamp nurtures creativity and resilience, empowering students to thrive in the competitive world of business.

AGE 11+

Future-Ready
Pathways

BSD offers a comprehensive set of opportunities to prepare students for future careers. Through the High School Internship Program, Workplace Readiness Workshops, and Career Week Programs, students gain skills, knowledge, and connections for success in the job market. It empowers them to make informed decisions about their career paths.

High School Internship

A 3-week internship experience in an authentic working environment. Students dive into real-life projects, gaining industry knowledge, interacting with professionals, and staying ahead of industry trends.The program provides flexibility, with projects available in virtual or hybrid formats, including in-person time. This immersive journey goes beyond traditional classroom learning, preparing them for real-world challenges.

Workplace Readiness Workshops

Our workshops focus on equipping students with essential professional skills for today's dynamic work environments. Through interactive activities and simulations, students practice effective communication, teamwork, time management, and professional etiquette. They learn to communicate clearly and collaborate effectively, leveraging diverse strengths. At the end of the workshops, students are well-prepared to excel in their careers with confidence and professionalism.

Career Week Programs

Our program offers students a unique opportunity to explore industries, build business ideas, pitch, and network with professionals. They participate in workshops, receive guidance, and craft compelling pitches. Interactive sessions allow them to showcase their entrepreneurial spirit, gain feedback, and establish connections. This holistic approach equips students with skills, knowledge, and connections to pursue entrepreneurial aspirations and succeed in their desired industries.