Cambridge Lower Secondary Programme (CLSP)

Rooted in Indian Values. Driven by Inquiry. Prepared for a Global Future.

At **IIS World School**, the Middle year Programme is a transformative journey where learners deepen their academic understanding, strengthen their character, and discover their unique potential. Grounded in India's rich cultural heritage and aligned with global educational practices, the programme empowers students to become confident thinkers, responsible leaders, and compassionate global citizens.

As students transition into adolescence, they are encouraged to question, investigate, innovate, and collaborate through meaningful, inquiry-based learning experiences. A balanced curriculum, enriched with **hands-on experiences**, research, technology, leadership opportunities, creative expression, and real-world application, nurtures intellectual curiosity and independent thinking.

Beyond academic excellence, the Middle Programme places equal emphasis on life skills, communication, innovation, ethical values, well-being, and social responsibility. Every learner is challenged to think critically, act with integrity, embrace diversity, and contribute positively to society.

IIS World School, empowers every learner to honour their roots, embrace the future, and lead with knowledge, confidence, and purpose.

Middle Programme (Grades 6–8)

The Cambridge-inspired Middle Programme strengthens students' communication skills while developing a deeper understanding of language. Learners are encouraged to think critically, communicate confidently, and apply language effectively across academic and real-life contexts. This include both English and Hindi.

Listening

Students develop active listening skills by analysing information, identifying key ideas, making inferences, and responding thoughtfully to a variety of spoken texts and discussions.

Speaking

Through discussions, debates, presentations, storytelling, role plays, and collaborative tasks, students build fluency, confidence, pronunciation, and purposeful communication.

Reading

Learners explore fiction, non-fiction, poetry, media, and informational texts to strengthen comprehension, vocabulary, analysis, interpretation, and critical thinking.

Writing

Students write for a range of purposes and audiences, using a structured writing process to develop creativity, organisation, accuracy, and effective written communication.

Language Knowledge & Awareness

Students develop a deeper understanding of grammar, vocabulary, sentence structure, pronunciation, and language conventions. They analyse how language changes according to audience, purpose, tone, and context, enabling them to communicate with greater precision and confidence.

Research & Reference Skills

Learners use dictionaries, thesauruses, grammar references, and reliable digital resources to investigate language, expand vocabulary, and become independent, reflective learners.

Our Teaching Approach

Learning is inquiry-driven, collaborative, and application-based. Through discussions, projects, text analysis, reflection, and continuous feedback, students become confident communicators, critical thinkers, and independent learners prepared for future academic success.

Global Languages Programme (Grades 6–8)

Our **Global Languages Programme** broadens learners' linguistic abilities and cultural understanding by offering **Japanese, French, and Sanskrit**. Learning additional languages enhances communication, cognitive flexibility, global awareness, and appreciation for diverse cultures while preparing students to thrive in an interconnected world.

French

Students develop practical communication skills through listening, speaking, reading, and writing while exploring the language, culture, traditions, and heritage of French-speaking communities. The programme nurtures confidence in everyday communication and intercultural understanding.

Japanese

Learners are introduced to the Japanese language through interactive and immersive experiences that build conversational skills, vocabulary, pronunciation, and basic script recognition. Alongside language acquisition, students explore Japanese culture, customs, values, and traditions, fostering global awareness and cross-cultural appreciation.

Sanskrit

Students discover the richness of one of the world's oldest classical languages. The programme develops linguistic understanding, vocabulary, grammar, pronunciation, and an appreciation of India's literary, philosophical, and cultural heritage, while strengthening logical thinking and language awareness.

Intercultural Understanding

Learning multiple languages enables students to appreciate cultural diversity, respect different perspectives, and become empathetic global citizens. Through cultural celebrations, projects, presentations, and collaborative activities, learners build meaningful connections between languages, cultures, and the wider world.

Our Teaching & Learning Approach

Learning is immersive, communicative, and experiential. Through **hands-on experiences**, conversations, storytelling, role plays, language games, cultural workshops, multimedia resources, collaborative projects, and authentic real-life contexts, students develop confidence, fluency, and intercultural competence. The programme inspires learners to become effective communicators who value both their own heritage and the richness of global cultures.

Middle Mathematics Programme (Grades 6–8)

Our Cambridge-inspired Middle Mathematics Programme empowers learners to think logically, reason analytically, and solve complex problems with confidence. Students develop conceptual understanding, mathematical fluency, and the ability to apply mathematics across academic disciplines and real-world situations.

Number & Algebra

Students deepen their understanding of integers, fractions, decimals, percentages, ratios, proportions, algebraic expressions, equations, sequences, and functions, building a strong foundation for higher mathematics.

Geometry & Measurement

Learners investigate geometric relationships, transformations, constructions, perimeter, area, surface area, volume, angles, and coordinate geometry while strengthening spatial reasoning and visualisation skills.

Data, Statistics & Probability

Students collect, organise, analyse, and interpret data using statistical methods, graphs, and probability models to make informed decisions and draw logical conclusions.

Mathematical Reasoning & Problem Solving

Learners develop higher-order thinking by analysing situations, selecting appropriate strategies, justifying solutions, recognising patterns, and solving multi-step, real-life problems with confidence.

Mathematical Communication & Modelling

Students learn to represent mathematical ideas using symbols, diagrams, tables, graphs, and mathematical language. They explain their reasoning clearly and apply mathematical models to investigate and solve authentic problems.

Our Teaching Approach

Learning is inquiry-driven, collaborative, and application-focused. Through investigations, projects, technology, mathematical discussions, visual representations, and continuous reflection, students build confidence, resilience, precision, and independent thinking—preparing them for advanced mathematical learning and future global challenges.

Middle Science Programme (Grades 6–8)

Our Cambridge-inspired Middle Science Programme empowers learners to explore scientific concepts through inquiry, investigation, and hands-on experiences. Students develop the knowledge, skills, and scientific mindset needed to analyse evidence, solve problems, and make informed decisions about the world around them.

Scientific Inquiry & Investigation

Students ask meaningful questions, formulate hypotheses, plan and conduct investigations, analyse evidence, and communicate scientific findings using appropriate methods and scientific vocabulary.

Biology

Learners explore life processes, human body systems, ecosystems, heredity, adaptation, and biodiversity, developing an understanding of the interdependence of living organisms and the environment.

Chemistry

Students investigate the structure and properties of matter, chemical changes, mixtures, solutions, acids and alkalis, and the role of chemistry in everyday life through practical investigations and experimentation.

Physics

Learners study forces, motion, energy, electricity, light, sound, and magnetism, applying scientific principles to explain natural phenomena and solve real-world problems.

Earth & Environmental Science

Students examine Earth's systems, weather and climate, natural resources, sustainability, and space science, developing environmental responsibility and global awareness.

Scientific Thinking & Communication

Learners interpret data, evaluate evidence, construct logical explanations, and communicate scientific ideas through diagrams, models, reports, presentations, and collaborative discussions.

Our Teaching & Learning Approach

Learning is inquiry-driven, collaborative, and application-focused. Through **hands-on experiences**, laboratory investigations, STEM challenges, project-based learning, data analysis, research, and reflective discussions, students develop critical thinking, scientific reasoning, creativity, and independent learning. Continuous feedback, collaboration, and real-world connections enable learners to apply science confidently in both academic and everyday contexts.

Middle Programme – General Awareness & Global Perspectives (Grades 6–8)

Our General Awareness & Global Perspectives Programme empowers students to become informed, analytical, and globally minded citizens. Through inquiry, research, and real-world connections, learners explore India and the wider world, developing the knowledge, skills, and values needed to navigate an increasingly interconnected society.

National Awareness

Students develop a deeper understanding of India's history, geography, Constitution, democratic values, economy, scientific achievements, cultural heritage, environmental diversity, and the contributions of national leaders and innovators. The programme fosters informed citizenship, cultural appreciation,

and national responsibility.

Global Perspectives

Learners investigate global challenges, international relations, world cultures, sustainability, technological advancements, economic systems, and contemporary issues. They learn to evaluate multiple viewpoints, appreciate diversity, and understand the interdependence of nations.

Current Affairs & Civic Literacy

Students critically examine significant national and international events, public policies, governance, media, ethics, and civic responsibilities. They develop informed opinions supported by evidence and participate confidently in meaningful discussions.

Research, Analysis & Communication

Learners build essential 21st-century skills by researching authentic sources, analysing information, evaluating evidence, solving problems, and communicating their ideas through presentations, debates, discussions, reports, and collaborative projects.

Leadership & Global Citizenship

Students strengthen leadership, collaboration, empathy, decision-making, and social responsibility through community engagement, service-learning initiatives, Model Parliament, Model United Nations, heritage projects, and interdisciplinary learning experiences.

Our Teaching & Learning Approach

Learning is inquiry-driven, interdisciplinary, and application-focused. Through **hands-on experiences**, case studies, research projects, debates, simulations, field visits, map work, heritage exploration, collaborative investigations, and reflective discussions, students develop critical thinking, informed decision-making, cultural awareness, and a global perspective. The programme prepares learners to become confident leaders, responsible citizens, and compassionate contributors to both India and the global community.

Middle Programme – Artificial Intelligence (AI) & Emerging Technologies (Grades 6–8)

Our Cambridge-inspired AI & Emerging Technologies Programme prepares students to become innovative thinkers, ethical digital citizens, and future-ready problem-solvers. Through inquiry, design thinking, and hands-on experiences, learners explore how Artificial Intelligence is transforming industries, societies, and everyday life while developing the skills required for the digital future.

Artificial Intelligence Fundamentals

Students develop a strong understanding of AI concepts, including machine learning, data, algorithms, automation, and intelligent systems. They explore how AI is designed, trained, and applied across real-world contexts.

Computational Thinking & Problem Solving

Learners strengthen logical reasoning by analysing problems, identifying patterns, designing algorithms, decomposing complex tasks, and developing structured solutions using computational thinking.

Data Literacy & Digital Intelligence

Students learn to collect, interpret, and evaluate data, recognising how information is used to make informed decisions. They develop an understanding of data accuracy, digital footprints, and responsible data use.

Design Thinking & Innovation

Through collaborative projects and real-world challenges, learners design, prototype, test, and refine innovative solutions using AI tools, coding platforms, robotics, and emerging technologies.

Ethics, Cyber Safety & Responsible AI

Students examine the ethical implications of Artificial Intelligence, including fairness, bias, privacy, cybersecurity, digital well-being, and responsible technology use. They learn to evaluate the social impact of AI and make informed, ethical decisions.

Communication & Future Readiness

Learners present ideas, collaborate effectively, and communicate technical concepts through presentations, research, digital portfolios, and interdisciplinary projects. They develop creativity, leadership, adaptability, and the confidence to thrive in a rapidly evolving technological world.

Our Teaching & Learning Approach

Learning is inquiry-driven, interdisciplinary, and application-focused. Through **hands-on experiences**, project-based learning, coding, robotics, AI applications, design challenges, research, collaboration, and reflective practice, students develop critical thinking, innovation, computational skills, and responsible digital citizenship. The programme empowers learners to become confident creators, ethical technology users, and future-ready leaders in an AI-driven world.

Middle School Sports Programme (Grades 6–8)

Our Middle School Sports Programme develops physically confident, resilient, and disciplined learners through a balanced approach to physical education, competitive sports, and personal well-being. Students strengthen their physical abilities while cultivating leadership, teamwork, perseverance, and the mindset required to excel both on and off the field.

Physical Fitness & Athletic Development

Students enhance their strength, endurance, agility, flexibility, coordination, speed, and overall fitness through structured training, conditioning programmes, and age-appropriate athletic development.

Sports Skills & Competitive Excellence

Learners develop technical proficiency, tactical understanding, strategic thinking, and decision-making across a variety of individual and team sports. Participation in inter-house, inter-school, and competitive sporting events encourages resilience, commitment, and excellence.

Leadership, Teamwork & Sportsmanship

Through collaborative games and competitive experiences, students develop leadership, communication, accountability, resilience, and respect for rules, officials, teammates, and opponents. The programme promotes integrity, fair play, and responsible decision-making.

Health, Fitness & Well-being

Students gain an understanding of physical fitness, nutrition, injury prevention, mental
well-being, and healthy lifestyle practices, empowering them to make informed choices that support lifelong wellness.

Our Teaching & Learning Approach

Learning is active, experiential, and performance-driven. Through **hands-on experiences**, structured coaching, fitness assessments, skill development, tactical training, sports analytics, tournaments, outdoor education, and reflective practice, students develop confidence, discipline, resilience, and a lifelong commitment to health and physical excellence.

Middle School Performing Arts & Stage Presentation Programme (Grades 6–8)

Our Performing Arts & Stage Presentation Programme empowers students to become confident performers, effective communicators, and creative leaders. By integrating music, dance, drama, theatre, storytelling, and public performance, learners develop artistic excellence, emotional intelligence, collaboration, and the confidence to express themselves with authenticity and purpose.

Performing Arts

Students refine their artistic abilities through music, dance, drama, theatre, movement, and creative expression. They explore diverse performance styles while strengthening creativity, discipline, collaboration, and cultural appreciation.

Stage Presentation & Public Speaking

Learners regularly participate in assemblies, theatre productions, debates, storytelling festivals, cultural showcases, exhibitions, conferences, and public presentations. These experiences strengthen stage presence, voice projection, articulation, audience engagement, confidence, and professional presentation skills.

Creative Production & Collaboration

Students actively engage in scriptwriting, choreography, stagecraft, production planning, costume design, event management, and collaborative performances, gaining a comprehensive understanding of the creative process while developing leadership and organisational skills.

Communication, Leadership & Self-Expression

Performing before diverse audiences enables learners to communicate with confidence, think creatively, adapt to different situations, manage performance anxiety, and develop resilience, empathy, and self-awareness.

Our Teaching & Learning Approach

Learning is inquiry-driven, collaborative, and performance-oriented. Through **hands-on experiences**, rehearsals, creative workshops, interdisciplinary projects, productions, masterclasses, peer feedback, and regular stage presentations, students cultivate creativity, confidence, leadership, and expressive communication. The programme prepares learners to perform with excellence, communicate with impact, and contribute meaningfully in academic, professional, and social environments.

Skills Development & National Curriculum Alignment Programme (Grades 6–8)

Our **Skills Development Programme** is thoughtfully designed in alignment with the **National Education Policy (NEP 2020)**, the **National Curriculum Framework (NCF)**, and the vision of **Kaushal Bodh**. The programme equips learners with practical life skills, vocational awareness, entrepreneurial thinking, and future-ready competencies while nurturing responsible, confident, and compassionate individuals prepared for the opportunities and challenges of the 21st century.

Life Skills & Personal Growth

Students develop self-awareness, emotional intelligence, resilience, adaptability, decision-making, communication, collaboration, financial literacy, and time management, enabling them to become independent and responsible learners.

Kaushal Bodh & Vocational Learning

Learners gain meaningful exposure to vocational skills and career pathways through experiential learning. They explore design, crafts, entrepreneurship, sustainability, digital technologies, innovation, and community-based projects, fostering creativity, problem-solving, and respect for the dignity of labor.

Innovation, Design Thinking & Entrepreneurship

Students identify real-world challenges, generate creative ideas, design practical solutions, and develop an entrepreneurial mindset through collaborative projects, innovation challenges, and design thinking experiences.

Digital & Future Skills

Learners build competencies in digital literacy, Artificial Intelligence awareness, computational thinking, research, responsible technology use, media literacy, and effective communication, preparing them for an increasingly technology-driven world.

Leadership, Citizenship & Community Engagement

Students strengthen leadership, teamwork, ethical decision-making, environmental stewardship, and civic responsibility through service-learning, social initiatives, collaborative projects, and community engagement.

Our Teaching & Learning Approach

Learning is experiential, interdisciplinary, and purpose-driven. Through **hands-on experiences**, project-based learning, vocational explorations, industry interactions, collaborative
problem-solving, reflective practice, and real-world applications, students connect classroom learning with life beyond school. The programme nurtures confident, skilled, innovative, and socially responsible learners who are prepared to contribute meaningfully to both India and the global community.

Shaping Tomorrow's Leaders

The Middle School years are a time of discovery, growth, and transformation. At **IIS World School**, we empower learners to think critically, lead with integrity, embrace innovation, and remain deeply connected to their values. Through a balanced blend of academic excellence, life skills, global perspectives, and

meaningful experiences, we prepare every student to face future challenges with confidence, compassion, and purpose—ready to make a positive impact on the world.