School Connect Online

SCO INTERNATIONAL OLYMPIAD

AI OLYMPIAD RULES AND REGULATIONS

A comprehensive guide for schools, teachers, parents, and students

- Designed from the SCO International AI Olympiad syllabus pathway and aligned with India and global AI-literacy priorities.
- Grade-wise learning guidance for Classes 1-12 with responsible AI, digital safety, innovation, career-readiness, and school implementation support.
- A stakeholder-ready guide for future-ready learning, practice, assessment, reporting, and ethical technology use.

AI Literacy	Machine Learning	Data Skills	Responsible AI	Future Careers
Students	Teachers	Schools	Parents	Grade 1-12

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SCO International Artificial Intelligence Olympiad

Guide, Rules & Regulations for Schools, Students, Teachers and Parents

A grade-wise, globally aligned AI Olympiad guide designed for safe AI literacy, responsible innovation, practical reasoning, future career readiness, and fair online assessment across Classes 1 to 12.

Purpose of this Guide

The SCO International Artificial Intelligence Olympiad (SCO IAIO) is designed to help learners understand Artificial Intelligence as a real-world, future-ready discipline. The guide connects the SCO syllabus with global AI-literacy expectations, India's school-AI direction, responsible AI principles, online Olympiad readiness, and age-wise academic progression from Class 1 to Class 12.

- For students: a clear learning path from AI awareness to machine learning, NLP, computer vision, robotics, IoT and responsible AI.
- For teachers: a pedagogy-ready structure to convert AI concepts into classroom discussion, examples, activities and reasoning-based questions.
- For schools: an international, scalable, online Olympiad framework aligned with digital learning, proctored integrity and future-skill readiness.
- For parents: a simple understanding of why AI literacy now matters for safe digital citizenship, academic growth and future careers.

Why AI Olympiad Learning is Urgent Now

Artificial Intelligence is now part of daily life, learning platforms, search tools, creative tools, language technologies, finance, healthcare, agriculture, transportation, cybersecurity and public services. Students need structured AI education not only to use tools, but to understand data, logic, bias, privacy, ethics, limitations and human judgment.

Global education systems increasingly recognise that AI learning must begin early and progress responsibly. UNESCO's AI competency approach highlights responsible use, co-creation, ethics, techniques, applications and system design. India's policy direction also places AI and computational thinking inside school education pathways, while global labour-market research identifies AI, big data, cybersecurity and technological literacy among the fastest-growing future skills.

SCO IAIO Global Alignment Snapshot

Global / Indian Demand	What the Standard Expects	How SCO IAIO Responds
UNESCO AI competency direction	Human-centred AI, ethics, AI techniques/applications and system-design awareness	Responsible AI sections, age-fit ethics, privacy, bias, fairness and impact questions
India / NEP / CBSE / NCERT direction	Computational thinking, digital literacy, multidisciplinary learning and AI in school pathways	Grade-wise AI progression from awareness to projects, Python, data, NLP, computer vision and AI applications
Future-of-work demand	AI and big data, technological literacy, cybersecurity, creativity, resilience and lifelong learning	Olympiad reasoning, case studies, problem solving, analytics and career-readiness framing
Responsible technology education	Safe use, privacy, transparent data practices, fairness and learner protection	Online exam rules, proctoring integrity, data-care rules and ethical AI guidance
SCO platform value	Accessible preparation, free learning support for registered learners, practice and performance guidance	SCO study materials, practice questions, sample papers, mock/practice support and multilingual readiness where available

SCO International AI Olympiad: Core Promise

- Age-wise AI learning: concepts are introduced gradually from daily-life AI examples in early grades to deep learning and AI systems in senior grades.
- Reasoning-first assessment: objective questions test understanding, application, pattern recognition, data reasoning, ethical thinking and real-world use cases.
- Responsible AI orientation: privacy, bias, fairness, misuse, sustainability and human oversight are treated as important learning outcomes, not optional topics.
- Digital-first access: registered students receive preparation support through online study materials, practice questions, sample resources and platform-based learning access.
- Multiple-language readiness: SCO's learning and support ecosystem is intended to help students from diverse geographies access content more comfortably, where platform language support is available.
- School-ready implementation: schools can use the guide for awareness sessions, AI clubs, classroom enrichment, revision plans, parent orientation and official exam readiness.

Official Exam Format and Date Display Standard

The public exam communication should be consistent, simple and globally readable. The attached SCO exam-plan format shows official date labels in the pattern "DD MMM YYYY", such as "01 Nov 2025", along with cycle labels such as WINTER 2026, SPRING 2026 and SUMMER 2026. This guide follows that same date style for all sample date references.

Item	SCO Standard
Display title pattern	International Artificial Intelligence Olympiad - SCO IAIO - Class 10th - Artificial Intelligence - 01 Nov 2025
Date format	DD MMM YYYY, for example: 01 Nov 2025, 02 May 2026, 20 Dec 2026
Cycle format	CycleCode + ExamYear, for example: WINTER 2026, SPRING 2026, SUMMER 2026, WINTER 2027
Choice of dates	Students/schools should select from officially published SCO exam dates for the active cycle/year. Final availability must be checked on the live SCO portal.
Result and certificate reference	Use the exact student name, class, subject, olympiad name, exam date and cycle as recorded during official registration.

Class-wise SCO IAIO Exam Pattern

The SCO IAIO exam format should be communicated in a clean standard pattern: objective type, 60-minute duration, class-wise question count, section-wise syllabus blocks and officially published choice of dates.

Class	Duration	Questions	Sections	Core Areas
Classes 1-2	60 mins	35	4	Basic Concepts; Examples of AI; Pattern Recognition Games; Achievers Section

Class	Duration	Questions	Sections	Core Areas
Classes 3-4	60 mins	35	4	Introduction to AI; AI Applications; Machine vs Human Capabilities; Achievers Section
Classes 5-6	60 mins	50	4	Understanding AI & ML; Data & Pattern Recognition; Real-Life AI; Achievers Section
Class 7	60 mins	50	4	Machine Learning Basics; Data Collection & Privacy; AI Applications; Achievers Section

Class	Duration	Questions	Sections	Core Areas
Class 8	60 mins	50	4	Machine Learning Basics; Data Collection & Privacy; AI Applications; Achievers Section
Class 9	60 mins	50	4	Advanced Machine Learning; Natural Language Processing; AI Bias & Fairness; Achievers Section
Class 10	60 mins	50	5 syllabus blocks	Advanced ML; NLP; AI Bias & Fairness; Achievers Section 1; Achievers Section 2
Classes 11-12	60 mins	50	5	Deep Learning; Robotics & IoT; Ethics & Responsible AI; Achievers Section 1; Achievers Section 2

Eligibility follows the matching class group. Choice of dates is normally offered multiple times a year/as published. The live SCO website or official school communication should be treated as the final authority for the current exam year, fee, registration deadline, technical instructions, result publication and certificate policies.

Grade-wise AI Learning Pathway and Benefits

Class / Grade	Chapter Concept Focus	Learning Outcome	Benefit to Student
1-2	AI in daily life, voice assistants, robots, simple apps and pattern games	Recognise AI tools, sort examples, match patterns, compare machine actions with simple human tasks	Builds curiosity, observation, logical matching and safe technology awareness
3-4	AI applications, games, learning tools, machine vs human capabilities	Explain basic AI examples, identify memory/logic differences, solve matching and block-based reasoning tasks	Strengthens critical thinking, technology vocabulary and early computational thinking
5-6	AI, machine learning, data types, pattern recognition and everyday AI systems	Understand that AI learns from data, classify examples, interpret simple data, explain supervised learning in child-friendly terms	Builds data literacy, problem-solving and foundation for future STEM learning
7	Supervised/unsupervised learning, privacy, real-world AI and ethics	Differentiate learning types, identify data risks, discuss AI in healthcare/education/environment	Develops responsible technology judgment and case-study reasoning
8	Data collection, privacy, ethics and applied AI scenarios	Evaluate data-use choices, identify fairness concerns and connect AI with social impact	Prepares learners for digital citizenship, research awareness and ethical decisions

Class / Grade	Chapter Concept Focus	Learning Outcome	Benefit to Student
9	Classification, clustering, decision trees, NLP, bias and fairness	Explain model categories, interpret basic NLP examples, recognise algorithmic bias and suggest fairer decisions	Builds analytical thinking, language-tech awareness and responsible AI reasoning
10	Advanced ML, NLP, data processing, OpenCV, CNN exposure and Python-based thinking	Apply concepts to small AI scenarios, understand computer vision basics and connect Python/data processing with AI systems	Supports coding maturity, project readiness and AI-career awareness
11-12	Deep learning, neural networks, CNN/RNN, robotics, IoT, chatbots, OpenCV, sustainability and capstone thinking	Analyse advanced AI systems, compare architectures, assess ethical/societal impact and plan AI project use cases	Builds higher-order reasoning for engineering, data science, research, robotics, entrepreneurship and future careers

SCO IAIO Pedagogy: How Learning Should Happen

Pedagogical Principle

SCO IAIO should not be taught as memorisation of AI definitions. It should be delivered through observation, questioning, examples, safe tool awareness, data activities, puzzles, case studies, small projects, ethical discussion and exam-oriented reasoning.

- Observe: identify AI around students in phones, school tools, maps, translation, games, recommendation systems and safety systems.
- Question: ask how a machine recognises voice, text, images, objects, patterns or choices.
- Represent data: introduce labels, categories, tables, images, examples and errors according to age level.
- Reason: compare simple rules, patterns, classification, clustering, decision trees and neural-network intuition.
- Create: encourage age-fit activities such as pattern games, block-based logic, small Python ideas, chatbot thinking and project outlines.
- Reflect: discuss fairness, bias, privacy, misinformation, deepfakes, over-dependence and sustainability.
- Assess: use MCQs, application questions, scenario questions, visual reasoning, caselets and Achievers Section challenges.

School Connect Online

Rules and Regulations for SCO International AI Olympiad

These rules are written to support fair participation, responsible digital conduct, global accessibility and credible online Olympiad standards. Schools may use them in student briefings, parent circulars, teacher orientation, admit-card instructions and exam-day readiness checklists.

1. Eligibility and Class Category: Students must participate only in the class/grade category in which they are officially enrolled for the relevant academic year or as approved by SCO. Registration details such as student name, class, school, country, email and exam selected must be accurate because they may appear in scorecards, certificates and official reports.

2. Registration and Identity Verification: The student/school/parent must complete registration through the official SCO process. The same student should not create duplicate accounts for the same exam. SCO may verify identity, class, institution, payment/registration status and exam entitlement before enabling the official attempt.

3. Exam Date, Cycle and Time Window: Students must appear only on their selected/published exam date and within the permitted exam window. Official dates must be displayed in DD MMM YYYY format, for example 01 Nov 2025. Cycle labels should be shown in the SCO format, for example WINTER 2026 or SUMMER 2026. Schools should confirm final date availability from the live portal.

4. Exam Format: The exam is objective type and conducted online. Duration is 60 minutes. The number of questions and sections depends on class level: Classes 1-4 generally use 35 questions, while Classes 5-12 generally use 50 questions. Section names and question distribution should follow the official class-wise syllabus and live exam setup.

5. Syllabus Coverage: Questions may cover the complete published SCO IAIO syllabus for the student's class. The Achievers Section may include higher-order reasoning, tricky scenarios, visual/logical questions, case-based AI understanding, ethics, data reasoning or early project-thinking suitable for the class level.

6. Preparation Support: Registered students should use SCO-provided online study materials, practice questions, sample papers, assignments, mock/practice resources and performance guidance where available. Students may also revise school ICT/computer concepts, basic logic, data tables, patterns and age-appropriate AI examples.

7. Permitted Materials: Students may use only materials specifically permitted by SCO for the relevant exam. For most online objective Olympiad attempts, external books, websites, AI tools, messaging apps, screen-sharing tools, calculators or notes should not be used unless the official instructions clearly allow them.

8. Prohibited AI Assistance During Exam: Use of ChatGPT, Gemini, Copilot, AI search assistants, translation bots, coding assistants, OCR tools, problem-solving apps, answer-generation tools or any external human/AI help during the live exam is not allowed unless SCO officially declares a special open-tool format for a specific assessment.

9. Academic Integrity and Fair Play: Students must answer independently. Copying, impersonation, group solving, remote assistance, screen sharing, using another device, taking screenshots, photographing questions, recording the exam or sharing question content is prohibited and may lead to warning, score review, disqualification or result withholding.

10. Online Proctoring and Monitoring: Where applicable, the exam may include browser, activity, time, camera, microphone, full-screen, tab-switch, heartbeat or event monitoring to protect fairness. Students should remain seated, visible and focused throughout the attempt. Repeated suspicious activity may affect final review according to SCO policy.

11. Device and Internet Readiness: Students must use a reliable computer/tablet/mobile device as permitted by SCO, a stable internet connection, updated browser, working camera/microphone if required, and sufficient battery/power. Schools should conduct a readiness check before the official date.

12. Technical Interruptions: If a genuine technical interruption occurs, the student or school coordinator should immediately follow the SCO support process and provide details such as student ID, class, exam name, date, time, screenshots if available and issue description. Retest/resume decisions are subject to SCO verification.

13. Timing and Submission: The exam timer continues according to the platform rules. Students must submit before time expires. If auto-submit is enabled, the platform may submit answers when time ends. Students should avoid refreshing, closing the browser or switching devices without instruction.

14. Scoring and Ranking: Scoring, tie-breakers, rankings, medals, certificates, eligibility and international/national recognition rules should follow the current published SCO policy for the active year. SCO may review results for integrity before final publication.

15. Results and Certificates: Results and certificates should be issued digitally through the official SCO portal or approved communication channel. Names, class, country, school and exam details should match registration records. Corrections may require valid documentation and must be requested within the stated correction window.

16. School Coordinator Responsibilities: The school coordinator should share official instructions, verify student lists, guide students on exam ethics, confirm device readiness, support fair seating/monitoring if the exam is school-administered, and avoid giving any answer-related assistance during the exam.

17. Parent / Guardian Responsibilities: Parents should help the student prepare ethically, ensure a calm exam environment, check device/internet readiness, and avoid prompting or helping during the live attempt. For younger classes, parents may assist only with login/technical setup before the exam begins if allowed.

18. Data Privacy and Child Safety: Student data should be used only for registration, exam delivery, proctoring, reporting, certificates, support and legitimate academic communication. Schools and parents should ensure that students understand not to share passwords, OTPs, personal details or exam content publicly.

19. Responsible AI Conduct: The Olympiad promotes responsible AI. Students should learn to question AI outputs, avoid plagiarism, respect privacy, recognise bias and use AI for learning rather than dishonest shortcuts. This applies to preparation, projects and school activities connected with IAIO.

20. Language and Accessibility Support: Where multilingual resources or support options are available, students may use them for preparation and understanding. Accessibility or special-support requests should be made before the exam date and are subject to SCO's operational feasibility and verification.

21. Disqualification and Review: SCO may withhold, review, reduce, cancel or disqualify an attempt in cases of impersonation, malpractice, suspicious proctoring events, duplicate attempts, false information, exam-content sharing, payment/registration irregularity or violation of official rules.

22. Final Authority: The current live SCO portal, official circulars, admit-card instructions and published year-wise policy are the final authority for exam date, format, fee, eligibility, result publication, certificate issue, recognition and dispute resolution.

Exam-Day Guidance Checklist

Stage	Required Action
Before Exam Day	Confirm login credentials, class/category, exam date, device, internet, camera/microphone if required, and syllabus revision.
30 Minutes Before	Open the official portal, keep the device charged, close other tabs/apps, sit in a quiet place, and keep only permitted items.
During Exam	Do not use external help, AI tools, phones, notes, messaging apps or screen sharing. Read each question carefully and manage time.
After Submission	Wait for confirmation screen/result instruction. Do not share questions or screenshots. Check official result/certificate release communication.
For Schools	Brief students on rules, create a fair environment, maintain a support channel for login/technical issues and do not provide answer assistance.

Stakeholder Value Addition

Stakeholder	Value from SCO IAIO
Students	Build AI awareness, data literacy, reasoning, ethics, logical thinking, Python/project readiness and future-career confidence.
Teachers	Receive a structured syllabus pathway for classroom discussion, activities, concept reinforcement, assessment and remedial planning.
Schools	Strengthen future-ready academic branding, digital learning culture, AI clubs, global competition exposure and measurable student outcomes.
Parents	Understand how children can use technology safely, ethically and productively while preparing for a rapidly changing future.
Global learners	Participate in an internationally accessible Olympiad with class-wise structure, online preparation support and a consistent exam format.

Preparation Roadmap

Preparation Step	What to Do
Step 1: Know the syllabus	Read the exact class-wise syllabus and exam pattern. Identify sections and Achievers topics.
Step 2: Learn with examples	Connect every concept to real-life AI: voice, images, maps, recommendations, robots, games, chatbots and smart learning.
Step 3: Practice reasoning	Solve pattern, data, logic, classification, ethics and scenario-based questions regularly.
Step 4: Use SCO resources	Use free online study materials, practice questions, sample papers and preparation support available to registered students.
Step 5: Attempt mock/practice tests	Build speed, accuracy, confidence and exam familiarity. Review mistakes after each attempt.
Step 6: Revise ethics and safety	Review privacy, bias, fairness, responsible tool use, misinformation, deepfakes and human oversight.
Step 7: Check exam readiness	Verify login, device, internet, date/time, rules and permitted environment before the official exam date.

School Implementation Model

- Run an AI awareness assembly: explain what AI is, where students see it, and why responsible use matters.
- Create grade-wise IAIO preparation groups: Classes 1-2, 3-4, 5-6, 7-8, 9-10 and 11-12.
- Use weekly micro-lessons: one AI example, one pattern/data activity, one ethical discussion and one practice question set.
- Organise AI clubs or innovation corners: encourage simple project ideas, posters, chatbot design thinking and data collection discussions.
- Prepare teachers: share the syllabus, rules, assessment format, exam-day responsibilities and student support expectations.

- Inform parents: communicate exam purpose, preparation resources, technology rules, integrity expectations and student benefits.
- Review outcomes after exam: use score reports and performance insights to plan remedial lessons, enrichment sessions and next-cycle participation.

Responsible AI Learning Commitments

SCO IAIO Responsible AI Commitment

The purpose of the Olympiad is to build students who can understand AI, question AI, use AI safely, respect privacy, think ethically, solve problems creatively and remain human-centred in a technology-rich world.

- AI should support learning, not replace student thinking.
- Students should understand that AI systems can make errors and may reflect bias in data.
- Students should not upload private, sensitive or school-confidential information into external AI tools.
- Teachers should frame AI as a thinking partner, not an answer machine.
- Schools should promote curiosity, safety, fairness, creativity and accountability together.

Quick FAQ for Schools and Parents

Question	Answer
Who can participate?	Students from Classes 1 to 12 according to the official SCO IAIO class-wise eligibility.
Is the exam online?	Yes, SCO IAIO is designed as an online objective-type Olympiad with class-wise syllabus sections.
How long is the exam?	60 minutes for all listed class groups.
How many questions are asked?	Generally 35 questions for Classes 1-4 and 50 questions for Classes 5-12, as per official pattern.
Can students use AI tools during the exam?	No. AI tools or external answer-generation support are prohibited unless SCO officially announces a special open-tool format.
What support does SCO provide?	SCO provides registered students access to online study materials, practice questions, sample resources and platform-based preparation support where available.
How should dates be written?	Use DD MMM YYYY, for example 01 Nov 2025, and cycle labels such as WINTER 2026.
Where should final instructions be checked?	Always check the live SCO website, official school circular/admit card, and current-year SCO communication.

Official Links and Research References

School Connect Olympiad Home: https://www.schoolconnectonline.com/

SCO International Artificial Intelligence Olympiad: https://www.schoolconnectonline.com/exam/artificial-intelligence

SCO Features: https://www.schoolconnectonline.com/features.aspx

SCO Free Reading and Preparation Resources: https://www.schoolconnectonline.com/reading-material.aspx

SCO School / Institution Registration: https://www.schoolconnectonline.com/SchoolRegistration.aspx

UNESCO AI Competency Framework for Students: https://www.unesco.org/en/articles/ai-competency-framework-students

NCERT CIET AI Cell: https://ciet.ncert.gov.in/aicell?lang=en

Ministry of Education, Government of India - NEP 2020: https://www.education.gov.in/en/nep/about-nep

IndiaAI Mission / PIB: https://www.pib.gov.in/Pressreleaseshare.aspx?PRID=2012357

World Economic Forum - Future of Jobs Report 2025: https://www.weforum.org/publications/the-future-of-jobs-report-2025/digest/

Final Note

SCO International AI Olympiad should be presented as a future-ready, responsible and globally aware learning movement. It supports students not only to compete, but to become safe users, critical thinkers, ethical creators and confident learners in an AI-driven world.