

# Technical Regulations for International Tuymaada Olympiad 2022 for School Students in Chemistry

## 1. General Provisions

1.1. The Technical Regulations for the International Tuymaada Olympiad in 2021 (hereinafter referred to as Regulations) follow the International Tuymaada Olympiad Provisions (hereinafter referred to as the Provisions).

1.2 In 2022, the Olympics in chemistry will be held both in person and remotely.

1.3. All the Olympiad events are in Moscow time (GMT+3/UTC +3), including Regulations and Olympiad schedules on the Olympiad website (<https://tuymaada.lensky-kray.ru/>).

## 2. Registration

2.1 Participants should acquaint themselves with Provisions, Regulations and Olympiad Schedule, and register on the official Olympiad website within specified time frames.

2.2 Any participant who provides false personal information during registration may face Disqualification.

## 3. Proctoring system

3.1. The participant agrees that an appointed person (hereinafter referred to as Proctor) will monitor all Participant's actions during the competition.

3.2. Participant is obliged to prepare his workplace following the requirements specified in Regulations' Clause 3.4.

3.3. Proctor has the right to make a remark or remove a Participant if the latter violates the Olympiad requirements specified in the Participant's Instructions.

3.4. Equipment requirements:

Parameter	Minimum Requirements
Workplace	Personal computer or laptop
Web browser	Chrome 72, Opera 59, Firefox 66, Edge 79, Yandex Browser 19.3
Operating system	Windows 8, macOS 10.12 "Sierra", Linux
Multimedia	2 webcams <sup>1</sup> with a resolution of at least 640×480 and a frequency of at

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<sup>1</sup> One of the cameras should be positioned to completely capture the face of the participant. Usually, this is done using the built-in laptop camera, or a webcam mounted using its standard mount on the top frame of the monitor. Another camera should record the participant's working (writing) table with a keyboard, mouse, and sheets on which the participant decides or draws up a solution to the problem. None of the cameras should be obscured by third-party objects.

equipment	least 15 fps, microphone, and headphones (speakers)
Speakers	optional (for communication with a Proctor)
Network (Internet)	256 Kbps
Pens and blanks for calculations and answers	Pen with blue ink, blank—official, reference materials—official

3.5 The official chemical reference materials—the Periodic System of Chemical Elements and the Solubility Table of inorganic acids, bases, salts—are provided to the participant together with the official blank.

#### 4. Olympiad

4.1. The Olympiad in Chemistry consists of two 5-hours theoretical and thought experiment rounds.

4.2. Participant must produce an ID card (passport or other documents with a photo) to prove his identity.

4.3. Participants can have only writing materials with him. A participant uses only a standard A4 size paper. Mobile phones and other electronic communication and data processing equipment are not allowed.

4.4 Participants will be offered with theoretical tasks, full calculations of those is valued with 20 points. The conditions of the tasks were prepared by the Methodological Commission of the Olympiad in Russian and English. The Methodical Commission bears full responsibility for the correctness of conditions in both Russian and English.

4.5. The jury will guarantee that it will answer the questions of the participants not earlier than 30 minutes after the start of the tour and will finish answering the questions 30 minutes before the end of the tour.

4.6. Only students who have completed 9th grade or lower grades of a secondary school are allowed to participate in the junior league. All students are allowed to participate in the senior league.

4.7. The Olympiad syllabus in the senior league is similar to the Russian Chemistry Olympiad syllabus, with elements of International Chemistry Olympiad. The syllabus of the junior league corresponds to the 9th-grade syllabus of a secondary school in Russia.

- 4.8. Participant work must be written in either Russian or English.
- 4.9. At the end of the round, the participant must submit his work.
- 4.10. The Participant can submit his work ahead of schedule and promptly exits the system.
- 4.11. After collecting the works of all participants, Proctor transfers the works to the organizing committee for encryption of the works' author label.
- 4.12. After the end of the Olympiad, participants can receive electronically a methodological guide with possible solutions and approximate assessment criteria.
- 4.13. The Jury does not examine drafts
- 4.14. After the Jury's deliberations, representatives of the organizing committee decipher the works' author label. The leaders of the participants receive the preliminary protocols.
- 4.15. Before the appeal, the jury will announce the score criteria, which cannot be changed upon appeal.

## **5. Arbitrations/Appeal**

- 5.1. Before the appeal, the jury members acquaint the participants of the Olympiad with the solutions and evaluation criteria or provide methodological guide with the solutions and evaluation criteria both in English and Russian in digital form.
- 5.2. Participants can submit an appeal to the jury. Applications are accepted only within the first hour of the appeal and only on special forms that participants can obtain at the place of the appeal.
- 5.3. Task evaluation criteria are not subject to appeal.
- 5.4. Only the text of the solution to the problem is re-checked, and the oral explanations of the participant are not evaluated during the appeal.
- 5.5. During the appeal, the evaluation of the discussed problem can be changed in any direction.
- 5.6. If the participant does not agree with the evaluation even after the appeal, then the issue is considered again in the presence of the chairman of the jury. The decision of the chairman of the jury is final. In case of violation of the Regulations, the Jury may disqualify a Participant by its decision.