



Cyprus Mathematical Society

ΣΥΝΕΡΓΑΣΙΑ



Competition LIFE - IDEA – INNOVATION Year 2025

Preparation and Submission of a text of scientific discourse

Framework - Goals

The Cyprus Mathematical Society (CyMS) in collaboration with the Bank of Cyprus, in the context of strengthening its social contribution and the general pursuit for the development of the future citizens of Cyprus with competencies of creativity, innovation and communication, organizes a competition to formulate ideas and proposals on problems of everyday life through the utilization and use of the Sciences, Technology, Mathematics, Art and Economics. The Competition is also supported by the THALES Foundation.

The object of the Competition is to identify a problem of everyday life and to present an innovative proposal / suggestion for dealing with it. The treatment is expected to be done with the utilization / support of thoughts from areas of the Sciences, Technology, Engineering, Mathematics, Art and Economics (STEAME). Students from 5th grade of Elementary School to 3rd grade of the Lyceum can take part in the Competition.

Object – Content of the Competition

The object of the Competition will be **the preparation of a text of a scientific discourse** that will present a problem of everyday life and will formulate a proposal / suggestion for its solution. This proposal should be characterized for its innovation and will be substantiated / supported by reference to STEAME areas.

The text to be prepared should be documented with data that will ensure the feasibility of the proposal, with reference to tools and materials that do not require large financial investments.

Terms and Regulations

1. The Competition LIFE-IDEA-INNOVATION has as its aim the preparation of a text of a scientific discourse with object and content as mentioned above. The text will have a maximum length of a thousand words and can be enriched, **to a limited extent**, with photographs, blueprints and / or graphs only when the verbal expression cannot clearly express the author's messages and ideas.
2. Students from the 5th grade of Elementary school to the 3rd grade of Lyceum, of the Public and Private Schools of Cyprus, are entitled to participate in the Competition.
3. The assessment of the participants may be completed in different age groups, depending on the number of entries.
4. Each text must be prepared by only one student.
5. The deadline for submission of texts is **31st March 2025, until 12:00 noon**.
6. The text should cover aspects of the rationale described above. It is understood that during the presentation all the rules related to respecting the work of other people should be followed and it will not be copying or interception of the work of others. In case the opinions or positions of other people or experts or studies are invoked, a clear reference should be made to the specific person and his/hers work.
7. Texts submitted containing thoughts or suggestions from other individuals or groups without reference to them will be rejected. All texts will be checked electronically for plagiarism.
8. The works to be prepared should be sent by e-mail to cms@cms.org.cy attached in both MS WORD format and in PDF format. In the subject of the e-mail to write "**Competition LIFE-IDEA-INNOVATION for the year 2025**".

At the bottom, after the end of the text, the student's details should be written as follows:

Name and surname:

Student's Identity Card Number:

Student's Date of Birth:

Guardian's Name:

Name of School and Class in which the student is studying:

Contact telephone Number:

Student's and guardian's Postal Address for Communication:

Guardian's Postal Address for Communication:

Student's communication email address:

Guardian's communication email address:

Student's signature:

Guardian's Signature:

Date:

By submitting the work for the competition, the rights to publish it are transferred to the Cyprus Mathematical Society (with the appropriate reference to the author, of course) and the acceptance of the personal data regulation of KYME is confirmed. The latter can be located on the website www.cms.org.cy.

All submission emails will receive a response, confirming the receipt of the email within 48 hours. Those who do not receive confirmation should contact 22378101 for this.

9. The text to be sent must not exceed 1000 words in length and must be legible and documented. The text can be submitted in Greek or English.
10. In the title of the text there should be a clear identification of the problem of everyday life for which the text of scientific discourse is presented.
11. The works will be evaluated by a group of evaluators appointed by CyMS based on the following criteria:
 - (a) **Clarity of Content:** Accuracy, clarity and direct correlation with the objectives set for the competition
 - (b) **Language:** correct grammatical and syntactic use of the language which can be either Greek or English.
 - (c) **Structure and Organization** (To cover at least, Preface, Formulation of the problem, Formulation of the innovative idea for solution, Suggestions for the way of solution, Positive and negative consequences and effects, Suggestions for practical applications, etc.)
 - (d) **Argumentation and Persuasiveness** both for the problem and for the idea of solving it
 - (e) **Documentation** of the proposals by utilizing acceptable positions from the Sciences, Technology, Mathematics, Arts and Economics
 - (f) **Innovation** in proposals / suggestions
 - (g) Reference to probable **financial requirements** for the implementation of proposals / suggestions
12. The authors of the best texts of scientific discourse that will be distinguished, will be invited to present their proposals and their positions and to answer oral questions of the evaluators (who will come from various scientific fields). When presenting their positions it is possible to use digital or other educational/ supervisory means of presentation (e.g. PowerPoint).
13. According to Article 3 and taking into account the numbers of entries, the evaluation of proposals can be processed at three levels (considering that for each level to be evaluated there will be at least 10 entries) the following:
 - (a) **Elementary Level** (for Grades 5-6 of the Elementary School)
 - (b) **Gymnasium Level** (for grades 7-9 in Gymnasium or six to seven-years Secondary Schools)
 - (c) **Lyceum Level** (for grades 10-12 in Lyceum or six to seven years Secondary School).If the numbers of entries are smaller, there will be de facto contractions.

Then, based on the interview / presentation, the following prizes will be awarded for each level that will be formed:

- (a) **1st Prize:** Diploma of Success and Tablet
- (b) **2nd Prize:** Diploma of Success
- (c) **3rd Prize:** Diploma of success

Examples of general titles of everyday problems

1. Safety in Schools
2. Bullying in schools
3. Illegal parking on sidewalks
4. Protection of personal data
5. Home security
6. Energy Saving at home
7. Creating moisture in the bathroom mirror
8. Non-performing loans from a Bank
9. Determining the authenticity of a work of art
10. The authenticity of the jewelry we buy
11. How fresh are the eggs we bought and have at home
12. Harassment through social networking systems
13. Valid / efficient bill payment
14. The tracking process during a pandemic

Variations of the above examples, as well as any other topic that satisfies the rationale of the competition, can be used by students, if they wish.