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IMC-IMPEA

Materials

Math Contest Application Guide

About IMC & IMPEA


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IMC


International Mathematical Contest


"Try, fail, and succeed. Always try to be better than yourself."



DEPARTMENT OF PHYSICS
INDIAN INSTITUTE OF TECHNOLOGY ROPAR

IMC Head Director
Dr. Shubhrangshu Dasgupta





See all


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Math Contest Application Guide




IMC-IMPEA Head Director

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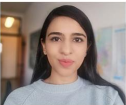
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IMC-IMPEA

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About IMC & IMPEA

The International Mathematics Prodigy Education Association (IMPEA) is an association where elementary, middle and high school math teachers around the world (including the United States, Canada, Australia, New Zealand, England, Thailand, India, Singapore,

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http://www.imc-impea.org/FAQ/about

1 About IMC & IMPEA

The International Mathematics Prodigy Education Association (IMPEA) is an association where elementary, middle and high school math teachers around the world (including the United States, Canada, Australia, New Zealand, England, Thailand, India, Singapore, Korea, etc.) gather to educate students who are passionate about mathematics to help them become mathematically gifted students.

In addition, it is an association established to research and share opinions on the right pathway for mathematics education with talented professors in the field of mathematics and science. Although many math competitions are being conducted by various organizations around the world, they only inform the students about the results of the test, and most students are reluctant to apply for Math Competitions because they consider them too difficult and complicated.

“Even students with poor math skills can become good at math!! Rather than simply giving tests to students and ending it there, we give the students a guide on how to study math through the test, so they can study math more effectively and improve their math skills!! ” This is our philosophy. The Internal Mathematical Contest (IMC) focuses on improving students' math skills by engaging them more in mathematics through tests. In addition, the test is designed to be a great help in studying mathematics at school because it consists of problems that utilize what students learn from textbooks. In other words, it is composed of problems at the appropriate level so that any student who studies mathematics hard at their school can achieve good results.

Just because it's a math contest doesn't mean that students who have solved only difficult problems can do well. Students should be able to solve the given problems if they understand the content of the textbook correctly and know when and how to apply each theory.

The report card from the International Mathematical Contest (IMC) will provide information regarding areas where the student is lacking, as well as problems and detailed solutions for students to improve their math skills in those areas. Through this test students can quickly determine where they are lacking and are given materials to help improve their math skills. The author who wrote the SMILE (Stanford Mobile Inquiry-based Learning Environment) Math Contest by reflecting the opinions and requirements of talented

1	전체 내용 수정 Greeting11 이라는 워드파일의 사진 이미지 + 내용 모두 넣기
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<http://www.imc-impea.org/FAQ/regulations>

1	Regulations에서 괄호 모양 수정
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Regulations

1 Taking the test

- 1 It is possible to take the level appropriate to the student's grade level or take a higher-level test, but it is not possible to take a test at at a level lower than the student's grade level.
For example:
Students who are currently in the 11th grade can take the test at Grade 11 and Grade 12, but they cannot take the test at Grade 9 and Grade 10
- 2 Students taking tests online must have the camera supervision function enabled. The camera supervision system will precisely supervise the behavior of test takers.

2. Regulations: Cheating

- 1 In some regions, the test is conducted on paper, and in some regions, the test is conducted online. To prevent cheating, this test is equipped with a system that can detect several acts of cheating.
- 2 Therefore, you should refrain from cheating as follows:
 - 1 Calculators are not allowed for this test, so you should never use them. (Students taking the Calculus test are allowed to use calculators)
 - 2 Problem solving using computer coding is prohibited.
 - 3 Solving problems with friends is prohibited.
 - 4 Getting help from a tutor or a mentor is also prohibited.

3. Camera supervision

Students will be monitored in real-time as they take the test.

- 1 If you touch your cell phone or your phone rings
- 2 If you look at a place other than the monitor or your desk
- 3 If there is a sound of someone else in the room
- 4 If you use a calculator (except for Level 13 tests), or
- 5 If you reference other materials

The test will not be stopped, but the entire process will be recorded. If it is considered suspicious, the recorded video will automatically be sent to us after the test so that we can determine whether there was any cheating involved. If it is determined that the student cheated, all of the student's test scores will be deleted.

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http://www.imc-impea.org/FAQ/research

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1. Fields you can apply for:

1) Math

2) A Combination of Math and Society, Religion, Philosophy, and Literature

3) A Combination of Math and Sciences

4) Any Topic Related to Math

5) Chemistry, Physics, Biology, etc.

2. Application Materials

1) Math Research Paper (Written in docx file, font size unified as 10, references must be included)

2) Recommendation letter from the Research Paper mentor - 1 person working in mathematics (a recommendation letter from a school teacher is preferred) + 1 general person (any adult who knows the applicant well can provide the recommendation)

3) Abstract of the Research Paper(200~300 words, docx file)

4) School transcripts for the past year(pdf file)

5) Application Form(docx file)

3. How to Apply

1) Go to www.imc-impea.org, register as a member, and apply through Research Paper.

2) There is no application fee.

3)

1) Application Form, downloaded and completely filled out

2) Math Research Paper(docx file or pdf file)

3) Abstract of the Research Paper (200~300 words, docx file or pdf file)

4) School transcripts for the past year (pdf file)

Compress the files from (1) to (4) above as a zip file and send to research@imc-impea.org

The subject of the email should be "Student name Research Application." For example, the subject should be "Aron Ramsey Research Application."

4) Download and fill out the research mentor's recommendation form (File name: Mentor Recommendation) write "Thesis title-Mentor" in the subject line of the email, and send it to research@imc-impea.org.

5) For general person recommendations, download and fill out the recommendation form (File name: General Person Recommendation), write "Student name-Mentor" in the subject line of the email, and send it to research@imc-impea.org.

4. About the Screening and Selection Process

1) Applications are accepted throughout the year.

2) Screenings will be conducted from time to time.

1) The Journal is published twice a year (July and October). However, additional journals may be published if, in our judgment, there are many excellent projects.

2) Selected works will be published as journals in Research Paper at www.imc-impea.org and IMC's Head Director will present you with a certificate.

3) The selected author of the work will be registered as the author of the journal and will be sent an ISBN. Entering the ISBN when applying to college or graduate school will be beneficial in helping the student stand out during the admission process.

4) Before publication, the author must confirm that there is nothing wrong with the copyright before proceeding with the publication.

5) Approximately 7 to 10 papers will be selected per journal.

Application Form

Mentor Recommendation

General Person Recommendation

STEM JOURNAL

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http://www.imc-impea.org/FAQ/testGuide

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Elementary School Grade

1. Fourth Grade, Grade 4

- 1) Composition of the test:
- Problems 1~15: 15 multiple choice questions (4 choices)

- Problems 16~20: Choose either Gold Level (5 multiple choice questions) or Silver Level (5 multiple choice questions)
- 2) Eligibility requirements:
- Any student in the fourth 4th grade or lower can apply.
- 3) Test time:
- 30 minutes

- Calculators are prohibited.

Scope of the Test (same as common core)

- 1) Operations and Algebraic Thinking
- Use the four operations with whole numbers to solve problems.
- 2) Number and Operations in Base Ten
- Generalize place value understanding for multi-digit whole numbers.
- 3) Number and Operations—Fractions
- Number and Operations—Fractions
- 4) Measurement and Data
- Solve problems involving measurement and conversion of measurements from a larger unit to a smaller unit.
- 5) Geometry
- Draw and identify lines and angles, and classify shapes by properties of their lines and angles.

2. Fifth Grade, Grade 5

- 1) Composition of the test:
- Problems 1~15: 15 multiple choice questions (4 choices)

- Problems 16~20: Choose either Gold Level (5 short-answer questions) or Silver Level (5 multiple choice questions)
- 2) Eligibility requirements:
- Any student in the fifth grade or lower can apply.
3. Test time:

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Test Guide

10. Middle School, High Shcool, Colleges/Universities Freshmen~Seniors, Calculus 까지 같은 방식으로 모두 수정


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Regulations



Research Paper



Test Guide



About the Award

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OFF-Line Test

Your child's math skills
Where are you now?
Check it out reght now!

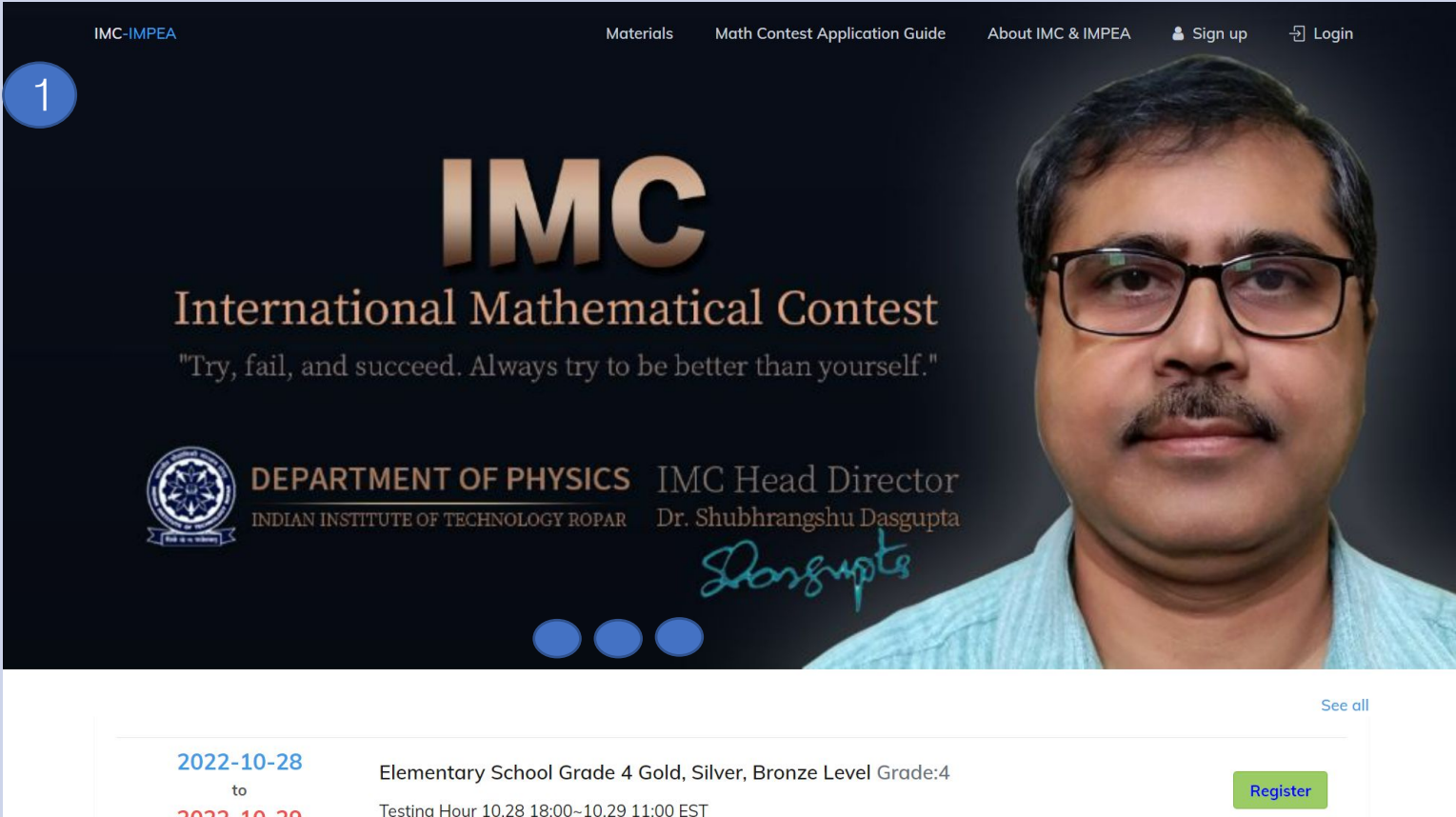
Contact Us

OFF-Line Test

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<http://www.imc-impea.org/FAQ/aboutTheAward>



1	상장 이미지를 “imc Certificate Sample” 파일을 이미지로 변경
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 5. Approximately 7 to 10 papers will be selected per journal.

Application Form

Mentor Recommendation

General Person Recommendation

STEM JOURNAL



IRPSC Journal



IRPSC Certificate Sample

1	<p>붉은 박스 부분에 1.1과 같이 “Journal Sample”파일과 “IRPSC Certificate Sample” 파일을 이미지로 올려주세요..두 파일을 나란히 배치해 주세요.</p> <p>예를들면 다음과 같은 식입니다.</p>
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<div>Notice</div> <div>Examination fee payment will be made on the website after the 20th. It will be possible through Paypal and Tosspayments. Currently, only test registration is possible, and payment is not accepted. Please pay the test fee after October 18th.</div>				문의사항		
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