

# **Mathematics Project**

## **Rules for the Mathematics Project Competition**

### **Topic**

Any topic in Mathematics. The project can be a study on a mathematical topic or a study on application of Mathematics in solving a real-life problem.

A project can be done by one participant or a group up to three people.

### **Report**

At the qualifying stage every applicant must send us one page report with a:

- full names of all participants
- name of the project
- short description
- project results

The written report must be in English and submitted in MS Word format, (as .doc/.docx file), using “Times New Roman” font size 12 in A4 format.

Participants must not plagiarise the work of others. If the contents of any books or other references are quoted in the report, the details of the sources, such as the names of the books or the URLs of websites, must be indicated.

All selected projects will be invited to participate in the competition.

### **First Day. An Interview with judges:**

On the first day of the competition students will be invited to attend 10 minutes interview conducted by a panel of judges. Participants should bring one copy of printed full project and prepare a presentation.

### **Second Day. An Exam.**

Second phase is an individual paper based exam for an hour on 9-10<sup>th</sup> grades topics of algebra and geometry. Participant should bring only a pen and his badge.

### **Evaluation of projects and determination of degrees:**

In the first phase all projects will be presented. On the second day of the competition participants will have an exam. Participants will be given their points according to these two phases.

### **Grading Policy:**

Projects will be assessed according to the following criteria:

1. how does the project relate to mathematics.
2. whether the mathematical principles described/adopted are appropriate and whether the used methods are reliable;
3. whether the project is innovative, creative and able to exhibit/apply problem-solving skills, critical thinking skills and creativity;
4. whether the presentation is logical, systematic and analytical.
5. participant should be able to answer judge’s questions about their work.