

Eligibility

1. Any student in grades 9-12 enrolled in a public, private, parochial or charter high school may apply.
2. You must be a resident of New York City OR South Africa
3. You cannot have researched or have done work on the project you are submitting for more than 3 years.
4. No more than 3 students per research project.

Ethics and Conduct

Scientific fraud and misconduct are not condoned at any level of research or competition. This includes plagiarism, forgery, use or presentation of other researcher's work as one's own and fabrication of data. Fraudulent projects will fail to qualify for competition in affiliated fairs and the Teptu Brink. We, as Teptu, reserve the right to revoke recognition of a project subsequently found to have been fraudulent.

Project Category

To participate in this S.T.E.M Research Competition, your project must fall under one of the following categories;

- Animal Sciences
- Behavioral & Social Sciences
- Biochemistry
- Cellular & Molecular Biology
- Chemistry
- Environmental & Earth Sciences
- Microbiology
- Neuroscience
- Physics
- Plant Sciences
- Medicine and Health Sciences
- Computer Science
- Engineering
- Mathematical Science

RULES

1. You will need to submit a completed research paper. Format and guidelines of the research paper can be found at the end of this PDF.
2. You will need to submit a signed Parent & Teacher Consent Form.

3. All entries (Research Paper & Consent Form) is to be submitted on the Application Form on www.teptu.com

Research Paper Format

[Name]

[Graduation Year]

[Mentoring Supervisor's Name]

[Project Category]

[Project Title]

Abstract/ Project Overview: {300-450 Words}

The abstract is a concise summary that is different from a thesis statement. It should outline the research question, theoretical framework, provide an explanation of the project that includes with whom and where you are conducting research, the research design, instrumentation, etc. It should be coherent and to the point. Additionally, include the major goals of the research project.

Research Question/ Hypothesis:

The research question focuses on the broader relationship that exists between the different variables in the study. The hypothesis predicts the relationship between variables in an educated way.

Theory/Background:

The theory section should focus on the aspects that drive the study. The researcher should be able to inform the statement of the issue, the significance of the study, the methodology of the study, etc.

The background should provide the back-story for the research problem including the scope of the theory. The background should review previous research that is related to the project in some significant way. These previous studies should be cited accordingly.

Methodology/Results:

This is the most important section of the research paper as it defines the key steps needed to reach a conclusion. There should be a systematic way of explaining the procedure for carrying out the experiment. Include all of the steps that were taken to test the hypothesis including the instrumentation, research design, data collection and analysis procedures.

Explain the results of the experiment including any trends or patterns observed.

Discussion/Conclusion:

This sections outlines the significance of the study. What was learned from the study? What implications does the study have for future related research? What were some weaknesses of the study and how did it affect the study and how will that affect future research? Was the hypothesis refuted?

Responsibilities:

What was **your** role in this project in relation to your team members and/or research mentor(s). This is an important section! We want to know what you contributed to this project.

Font: Times New Roman

Font Size: 12

Margins: 1" by 1"

Double Spaced

Maximum Length of Research Paper : 20 pages

Figures/Diagrams/Graphs are encouraged.