



Info Pack
2024

SCIENCE QUEST

Rajiv Gandhi Science Centre



SCIENCE QUEST
2024

Category 1

Grade 7, 8 & 9

Category 2

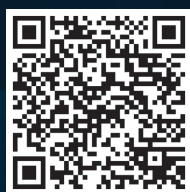
Grade 10 & 11

Category 3

Grade 12 & 13

Deadline for
Online Registration

16 February 2024
FRIDAY



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1. Introduction

Rajiv Gandhi Science Centre (RGSC) proudly presents the 9th edition of Science Quest. Science Quest 2024 represents a project-driven science competition that challenges students to apply Science and Technology in a methodical and pioneering manner to tackle real-world issues encountered within their school, home, or local community.

The aim of this competition is to cultivate scientific consciousness among students and encourage the practical application of Science and Technology to enhance the quality of life.

Participants in Science Quest have a unique opportunity to catalyse positive change through their science projects. By addressing real-world challenges in their schools, homes, or communities using science and technology, they become agents of innovation, contributing to the betterment of society. Their projects are not just academic exercises but powerful tools to effect tangible, positive transformations.

2. Objectives

By participating in the science quest students are expected to:

- Use Science and Technology and the scientific method in a constructive and innovative manner.
- Devise strategies to deal with a specific problem by working in a team.
- Develop skills research, communication, and problem-solving skills.
- Develop their creativity and innovation skills.

3. Who can participate

Participation in Science Quest is open to students of secondary schools across Mauritius.

Students pursuing diverse academic paths, including science, mathematics, design and technology, and even non-science subjects, are cordially invited to participate. Science Quest aims to embrace a wide spectrum of talents and interests.

Categories:

- Category 1: Grades 7, 8, and 9
- Category 2: Grades 10 and 11
- Category 3: Grades 12 and 13

Each project team should consist of **Four** students, guided by **One** Supervising Teacher/Mentor.

Schools can submit a maximum of **Four** projects per category.

4. Finalists are required to:

- Submit a comprehensive project report to RGSC.
- Partake in an exhibition.
- Deliver an oral presentation (not exceeding 5 minutes) before the jury during the finals.

5. How to participate?

STEP 1

Submit a project proposal by 16 February 2024. The purpose of the project proposal is to explain the rationale and the expected outcome of the project.

Finalists will be selected based on their project proposals.

Guidelines to write the project proposal

1. Introduction: Describe the current situation at school or in the locality.
2. Purpose of the Project: State the aims and objectives, including the desired change.
3. Methods: Describe the proposed step-by-step actions, experiments, measurements, and surveys.
4. Expected results: Present the project's outcomes and measurements.
5. Analysis: Discuss the implications and impact of the project.
6. Conclusion: Summarize the project's achievements and potential for improvement.
7. References: List sources, books, websites consulted during the project.
8. Acknowledgment: Recognize individuals who contributed to the project's success.

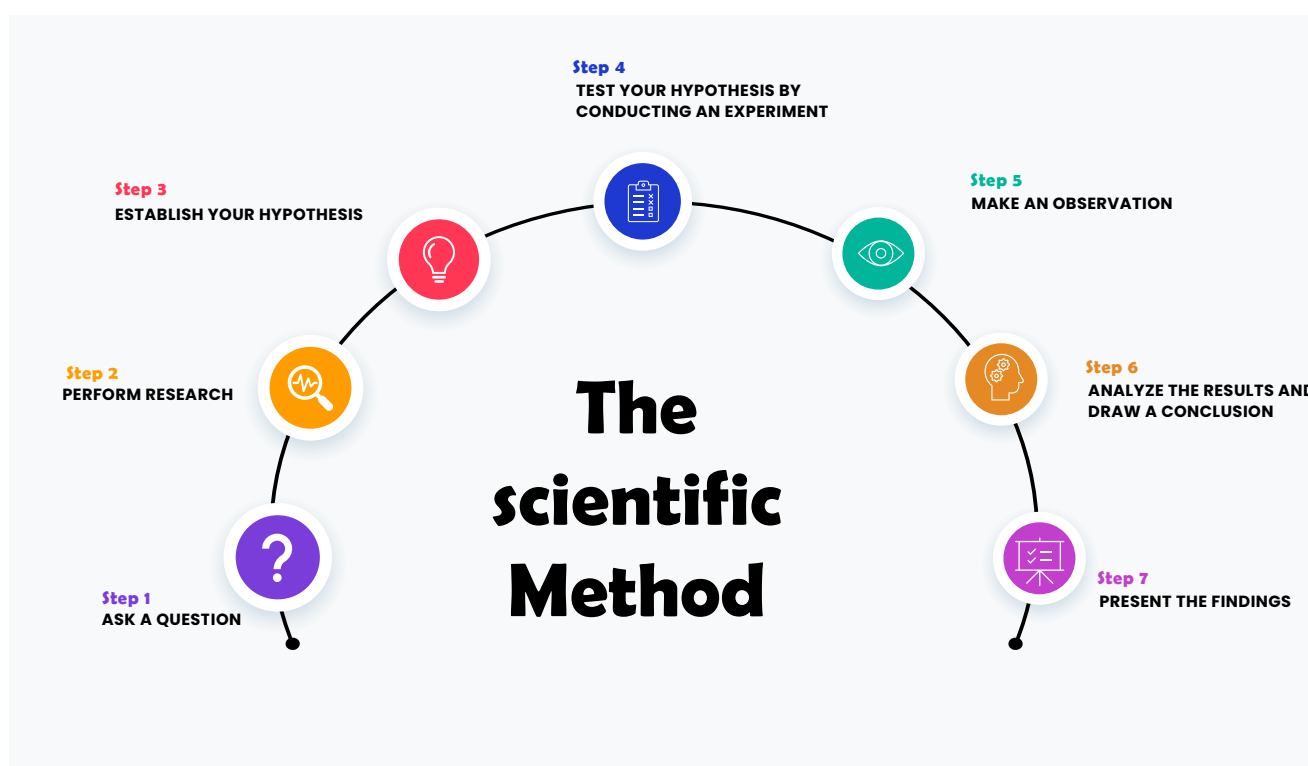
STEP 2: Complete the Project

Guidelines to complete the project

The key to a successful Science Quest project lies in the art of project identification, investigation and problem solving through scientific inquiry. The following guidelines may help students through the Science Quest journey.

To start the project, teams may engage in:

1. Environmental Scanning: Participants should analyse their surroundings and explore global issues using technology to explore emerging challenges in science and technology.
2. Community Engagement: Students can interact with local communities and expert consultation to seek solutions and guidance.
3. Interdisciplinary Exploration: Encouraging cross-disciplinary exploration to blend ideas from various fields.
4. Daily Log keeping: Documenting insights, challenges, and innovative ideas in a daily logbook.



STEP 3: Project Report

Guidelines to write the project report

The key to a successful Science Quest project lies in the art of project identification, investigation and problem solving through scientific inquiry. The following guidelines may help students through the Science Quest journey.

The project report should include the following sections:

1. Introduction (About 1 page): Briefly introduce the project.
2. Purpose of the project (About Half a page): Define the aims, objectives, and reasons for undertaking the project. Explain the main actions to complete it.
3. Methods (About 2 pages): Detail the step-by-step actions taken, experiments conducted, measurements, surveys, discussions, interviews, and site visits.
4. Results (About 2 pages): Present outcomes, measurements, and results using tables, charts, graphs, and visuals. Describe the involvement of resource persons and findings from site visits. Document process improvement, if any.
5. Analysis (About 2 pages): Discuss project findings, their implications, impact on health and the environment, and benefits to school and friends. Make comparison if needed.
6. Conclusion (About 1 page): Summarize the project's impact, challenges faced, and suggestions for improvement.
7. References (About 1 page): List consulted books, magazines, and websites.
8. Acknowledgement (about half a page): Recognize people who contributed to project success.

6. Finals: Display of project and oral presentation

STEP 4: Prepare for display of project

If you have been selected, you will be invited to display your prototype models and posters.

STEP 5: Oral presentation

Guidelines for oral presentation

1. Present in either English or French.
2. Keep the presentation within a 4–5-minute time limit.
3. Provide a clear and logically structured description of the project.
4. Use visual aids effectively, including displays, posters, drawings, models, or PowerPoint presentations.
5. RGSC does not provide computers for presentations.
6. Any other support that enhances the presentation quality is allowed.

7. Important dates:

- 16 February 2024:** Deadline for Online Registration.
Submit Entry Forms and Project Proposal Form
- 15 March 2024:** Screening and Nominations
- March - May 2024:** Work on Project
- 07 May 2024:** Online Submission of Project Report
- 28 - 31 May 2024:** Final and Prize Giving

8. Prizes

All prizes are offered by Mauritius Commercial Bank.

Gold Prize Rs 25 000 + Shield

Silver Prize Rs 20 000 + Shield

Bronze Prize Rs 12 000 + Shield

Two Merit Prizes each of Rs 5000

Prizes for Supervising Teachers/Mentors:

Gold Prize Rs 4000 + Certificate

Silver Prize Rs 3000 + Certificate

Bronze Prize Rs 2000 + Certificate

Two Merit Prizes each of Rs 1000

All finalists will receive a certificate of participation.

9. Contact Information

ADDRESS FOR CORRESPONDENCE:

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