

Tritech Science Fair Learner Information Brochure



Tritech is an exciting competition with the following objectives:

- to prepare learners to be informed students, well-equipped for tertiary level education.
- to teach learners how to conduct scientific research.
- to incorporate modern technology in the research.
- to use science and technology in a responsible manner. The learner must therefore be aware of the impact his/her project will have on the environment and/or how it can make the lives of people easier or better.
- to equip learners to present their projects / ideas to all interested parties.

Requirements of the project

1. The project may be done either individually or in a group (maximum 2) in which each member has a specific responsibility. You need to provide evidence of each member's contribution to the success of the project.
2. The visual presentation can be:
 - Power point (If this method is used then a printout is required for the judges) or
 - Display board that can stand alone and is a maximum of 1.2 m wide.
3. The presentation of the project is limited to a maximum of 10 minutes.
4. **You must include the following in your project:**
 - a. Problem
 - b. Investigative question
 - c. Aim
 - d. Background information / Research
 - e. Hypothesis
 - f. Materials
 - g. Method
 - h. Results
 - i. Interpretation of results
 - j. Conclusion
 - k. Bibliography/ References
 - l. Acknowledgements
5. Remember to keep a journal with all rough work. Start from the first day

What Tritech is NOT:

- A research project where you only collect and present information
- A repetition of an existing or well-known experiment
- An idea created by your parent, tutor, or teacher
- JUST an idea – you must carry it through and complete your investigation

What Tritech IS:

- An **original and innovative idea** that shows creative thinking
- A solution to a **real-life problem** that affects you or your community
- A project based on **your own testing, investigation, and effort**