



Sri Lankan International School, Riyadh

P.O. Box. 27849, Riyadh – 11427

Kingdom of Saudi Arabia

Science & Technology Exhibition 2019/2020

Dear Parent,

Science fair projects and ideas are especially designed to be useful for all grade school students, teachers and the entire family. It helps to develop an interest and understanding in knowing about the scientific laws and principles that constitute our world. Science is inexplicably linked with our lives and helps us to understand the world around us better. Scientific and technological developments contribute to progress and help improve our standards of living. It thus becomes imperative, to encourage our students to think, learn, solve problems and make informed decisions. The Sri Lankan International School has been taking many initiatives to generate curiosity and develop scientific attitude amongst learners. Such initiatives encourage learners to create, innovate and invent and also to become more responsible in the use of Science and Technology.

The planned exhibition aims at providing a platform to students to demonstrate such learning that encourage construction of knowledge by connecting new ideas to existing concepts as well as enriching one's understanding from other's experiences and perspectives. The SLIS Science Exhibition/Fair for the academic session 2019-20 will be held on **6-7 February 2020 at the School premises.**

Theme and Sub-Themes for the Science Exhibition/Fair for 2019-20

The organizing committee invites students of Grade 3 -12 to prepare research based science and technology projects that are innovative exhibit/model on any of the categories but are not strictly limited to them:

Project Categories are

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|--------------------------|------------------------------------|
| 1. Technology Projects | 8. Water purification/desalination |
| 2. Human Body Projects | 9. Pollution control |
| 3. Physics Projects | 10. Robotic science |
| 4. Math Projects | 11. Food and health |
| 5. Chemistry Projects | 12. Information technology etc |
| 6. Biology Projects | |
| 7. Solar System Projects | |

Guidelines for participation

1. The students studying in Grade 3 and above in the current academic year i.e. 2019-2020 are eligible to participate
2. All students willing to participate need to obtain the forms online (from the school website) before the closing date.
3. The last date for the submission of registration forms with the proposal is 6th of January to Mr. Chandana – Sports Coordinator (Boys) and Mrs. Jassim V.P (Girls).
4. The entry proposal will be reviewed by the Technical Committee of the Exhibition and approved by 9th January 2020. The approved proposal can be collected from Mr. Chandana (Boys) and Mrs. Jassim V.P (Girls) on the 9th of January.
5. Subsequently, the student/s could proceed with the preparation of their project/exhibit with advice from their mentoring teacher, one to be assigned for each class.
6. Registration for an exhibit can be represented by either an individual student or a group up to four students
7. A participant can register for maximum of two exhibits/ projects/ models, one individually and another as a team.



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8. The names of the students, the team, sub-theme or project can be changed/modified once until 21st of January, 2020. No change or modification is acceptable afterwards.
9. The project may include:
 - investigation based study;
 - an indigenous design of a machine/device or a technique;
 - application of basic principles of Science and Technology;
 - scheme/design of a device or machine to reduce production cost;
 - effective innovative and sustainable practice for environment conservation.
10. Care should be taken that eco-friendly materials are used in the preparation of exhibits.
11. The participating individual/team would bear all expenses related to participation in the event.
12. Students are responsible for all aspects of the development of their entries.
13. Students must supply all equipment, including extension cords. Outlets will be provided ONLY if requested on the entry form.
14. The entire project, including charts, labels, equipment, etc. must fit in 1.5 square metre space.
15. Commercially prepared kits or models cannot constitute a major portion of the project.
16. No hazardous, toxic or flammable materials are to be used. Candles, Bunsen burners and electrical heating devices (i.e., hot plates) are not allowed.
17. Logistical arrangements could be provided based on availability and on one week's advance notice.
18. Students must set up their project either on the 4th (afternoon onwards) or on the 5th February.
19. Students are solely responsible for the security and safety of their equipment.
20. The student/the team must be present throughout the presentation time and the judging period.
21. All exhibits must be removed by 11 am on the 8th of February. The Exhibition Committee and the school cannot be responsible for anything that is left afterwards.
22. Participants and their parents and/or guardians must abide by all rules and other judgments set for by the Exhibition Committee. Failure to do so may result in the participant's disqualification.
23. Selected best entries will be awarded with honours, while certificates will be awarded to the participants.
24. The exhibits will be assessed by a judging panel as per the following criteria:
 - a. Creativity and imagination
 - b. Originality and scientific and mathematical innovation
 - c. Scientific thought/principle/approach
 - d. Technical skill, workmanship, craftsmanship etc.
 - e. Utility for society, scalability/educational value
 - f. Viability (low cost), portability, durability, scope of its applicability in future etc.
 - g. Presentation – aspects like effectiveness, demonstration, display and relevant explanations.

The decision of the judging panel would be final.

Amanulla Mohamed Salih

Principal

1st January, 2020



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Science Exhibition 2019/2020

Proposal: Individual Group (Proposal deadline – 6th January 2020)

| | | |
|----------------------------------|--------|-----------------|
| Student/s' Name/s: | Grade: | Admission No/s: |
| Email ID: _____ Mobile No: _____ | | |

Give the exhibit item title, description and sketch below:

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|---------------|---------------------------|--------------------------|
| Parents Name: | Contact Number: Email: | Signature (in consent) : |
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Supervising Teacher's Remark:

Judging Panel's Remark: