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## **St. Kitts and Nevis National Robotics Challenge – SKNNRC**

This serves to inform you that the SKNRA will be hosting our first St. Kitts-Nevis National Robotics Challenge (SKNNRC). This program is developed by our very own Founder Dr. Ricardo Neil and will be spearheaded by the members of SKNRA.

The mission of the St. Kitts and Nevis National Robotics Challenge is to inspire and introduce youth within the Caribbean region to STEAM (Science, Technology, Engineering, Art, and Mathematics). It is our goal to educate the youth on the use of technology to solve real-life problems with innovative and creative ideas. FIRST Caribbean Robotics Competition will foster networking, communication, leadership skills, teamwork, and self-confidence across the Caribbean region.

### **The Goal of the St. Kitts and Nevis National Robotics Challenge Programme:**

Considering the nature of the National Robotics Challenge Programme, which involves tutoring and mentoring, that has specific objectives that guide this long-term initiative.

The following **specific objectives** would be:

- I. To provide exciting technical challenges that will develop interest in the STEAM field.
- II. Teach critical thinking and problem-solving skills inherent in Engineering design, development, and testing.
- III. Provide the opportunity to design, program and operate robots consistent with the FIRST Global Challenge, FIRST LEGO League and the FIRST Tech Challenge Competition.
- IV. Provide the youths with the opportunity to present their robot designs and their new insights into technology before judges who are active in the field of Information Technology and STEAM (Science, Technology, Engineering, Art, and Mathematics).

Under the St. Kitts and Nevis National Robotics Challenge we aim:

1. To engage students in robotics development with an end goal of International Competition.
2. To target at risk youths in violence prone communities in St Kitts and Nevis.
3. To create responsible and well-rounded citizen by providing exposure and adequate mentorship.

*"Inspiring youths through STEAM"*