**Level IIIA campers will be more than 13 and less than 15 years old by 1 July 2024. Similarly, Level IIIB campers will be more than 16 and less than 19, and Level IV campers will be more than 15 and less than 19.**

***~ If the camper has participated in a previous BJRC, this form is not required* ~**

**To: Camper and Parent**

Please print all pages of this form and give them to your former robotics coach, or science or math teacher, or Principal. Alternatively, the teacher or Principal can directly download the fillable version of this form at <https://caribbeanscience.org/wp-content/uploads/2024/05/BJRC_2024_Levels_3-4_Coach-Teacher-Principal_Recommendation_Form.docx> and return it to the CSF, following the instructions on the form.

However, from the CSF’s perspective, the Camper is ultimately responsible for making sure the teacher or Principal gets hold of the form and submits it. **Applications without this form completed and submitted to the CSF by 11:59 pm AST on 07 July 202 will not be considered.**

 **To: Robotics Coach, Science or Math Teacher, or Principal**

The Barbados Junior Robotics Camps (BJRC) is an annual summer enrichment program for young Barbadian students interested in robotics. The aim of the day camps is to introduce basic technology and engineering concepts to children. The camps are targeted at children who are passionately interested in science, technology, engineering, and mathematics (STEM) and enjoy hands-on work.

Students from low-income households and girls are encouraged to apply. The aim is a balanced class of 50% girls and boys. Students apply directly to the CSF for admission, but a recommendation from their science or maths teacher, or principal, or previous robotics coach is required. The typical student who is admitted into the Junior Robotics Camp is curious about science and his/her surroundings, is eager to acquire knowledge in the STEM disciplines, and performs consistently well at school in STEM-related subjects.

Our modified Level III VEX robotics curriculum comprises a mix of classroom teaching, substantial computer programming, and hands-on building using the VEX Robotics Kits. VEX is recognized as a leading classroom robotics platform (see [*http://www.vexrobotics.com/*](http://www.vexrobotics.com/)). In the Level IV camp, students build their own robots from a bunch of given parts and can 3-D print additional parts. Level IV robots must include the use of microcontrollers and a high-level programming language. Teamwork is an essential skill that is emphasized in all the camps, and its value is highlighted. Through these curricula, the students see examples of how physics, math and programming are applied to engineering and robotics.

The program culminates with student project demonstrations in which each team first gives an oral presentation of their hands-on project before demonstrating the workings of their robot. These final presentations are open to the public. The camps are hosted on the Cave Hill campus of the University of the West Indies (our partner). More information about the BJRC can be found at [*http://caribbeanscience.org/barbados-junior-robotics-camp/*](http://caribbeanscience.org/barbados-junior-robotics-camp/).

The CSF thanks you in advance for taking time to provide this recommendation for your student, or former student. A fillable version of the recommendation form can be downloaded from <https://caribbeanscience.org/wp-content/uploads/2024/05/BJRC_2024_Levels_3-4_Coach-Teacher-Principal_Recommendation_Form.docx>

After filling out the form, please sign, date, and convert it to a PDF or jpg file and submit it by e-mail as an attachment to *applications.csf@gmail.com* with the subject line “BJRC 2024–LastNameOfStudent-TeacherRecomm-YourLastName”. Your recommendation should arrive at the CSF before **11:59 pm AST, 07 July 2024**. Should you have any questions about BJRC or the recommendation, please contact the CSF office by e-mail or by telephone (1-246-417-7493).

**Dear Coach, Teacher, Principal:** Please complete this recommendation form as accurately as possible. Place an “X” in the box that best describes the student.  Please return this form by e-mail to *applications.csf@gmail.com* before **11:59 pm AST, 07 July 2024** (word, pdf, png or jpg formats acceptable)**.** For the subject line of your email, please use “BJRC 2024–FirstAndLastNameOfStudent-TeacherRecomm-YourLastName”. More information about the Robotics Camp can be found at[*http://caribbeanscience.org/barbados-junior-robotics-camp/*](http://caribbeanscience.org/barbados-junior-robotics-camp/)

Name of child Applying to Level III \_\_\_ or IV \_\_\_

How long have you known the child?

In what capacity?

Name of school

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Attribute** | **Absolutely agree** | **Strongly agree** | **Agree** | **Disagree** | **Do not know** |
| Has previous robotics experience (elaborate below) |  |  |  |  |  |
| Has previous programming experience (elaborate below) |  |  |  |  |  |
| Eager to acquire knowledge in science and math |  |  |  |  |  |
| Performs consistently well in science and math |  |  |  |  |  |
| Participates actively and enthusiastically in class |  |  |  |  |  |
| Goes beyond the material taught in class |  |  |  |  |  |
| Is willing to question technical concepts presented |  |  |  |  |  |
| Works well with others  |  |  |  |  |  |
| Strong oral communication skills  |  |  |  |  |  |
| Shows regard for personal property and property of others |  |  |  |  |  |
| Shows respect to persons in authority and other students  |  |  |  |  |  |
| Attributes include honesty and integrity |  |  |  |  |  |

In the box below, we are looking for specifics to ascertain that the student has a strong enough background to handle the programming and robotics challenges of the level for which they are applying (level III or IV). In addition, you may comment on: (a) student’s performance relative to others in your class(es) this year or over several years, (b) areas where the student needs to improve, (c) inconsistencies, if any, between knowledge/mastery of the fundamentals and course grades/test scores, (d) leadership qualities/potential, and (e) any other helpful information you wish to share *(continue on as many pages as you need).*

Name of Coach/Teacher/Principal:

E-mail: Tel. No.

Signature: Date: