

Barbados

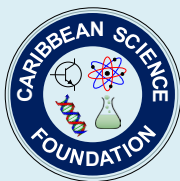
Jr. Robotics Camp

Application Form: Level IV *

July 18th – August 18th, 2023
On the UWI - Cave Hill Campus

Application Closing Date Extended to: 09 July 2023

***Open only to children who are at least 15 and less than 19 years of age by 01 July 2023, and have previous adequate STEM, programming, or robotics experience.**



Caribbean Science Foundation

CARICOM Research Building, UWI Cave Hill Campus, Barbados, West Indies

Ph: 1.246.417.7493 <http://caribbeanscience.org>

“Grooming the next generation of Caribbean science and engineering leaders”

Dear Parent/Guardian, or Camper over 18 years of age:

The Caribbean Science Foundation will be hosting Level IV of the **Barbados Junior Robotics Camps (BJRC)** from 18 July to 18 August 2023. The Camp will be held on the Campus of UWI, Barbados.

Please note that the 2023 Level IV Camp is open only to children who are at least 15 and less than 19 years of age by July 1, 2023, and have previous adequate STEM, programming, or robotics experience. However, after enrollment, the CSF reserves the right to shift students to the Level that is most appropriate for them.

The goal of the Level IV Camp is to design and build fully “autonomous” robots that can address a contemporary problem, primarily using “feedback-driven” action sequences created using high-level programming tools along with microcontrollers, microcomputers, and simple as well as complex sensors. Level IV Campers are given a box of parts and materials, and they use 3-D printers to create custom parts as needed for their design.

The completed application forms may be submitted as attachments by e-mail to the Caribbean Science Foundation at applications.csf@gmail.com. Please use “**BJRC Level IV Application [Camper’s first and last name]**” on the subject line of all your e-mail so your application materials do not get misplaced or misfiled.

The application deadline is **11:59 pm AST on 09 July 2023**. Late applications will not be considered. Page 8 contains a checklist of all the items that must be submitted to have a complete application. Please use this checklist to make sure all documents are submitted, as incomplete applications will not be processed.

You are encouraged to submit your completed application form as early as possible, as we may have to limit enrollment.

If the applicant is admitted to the camp, a camp fee of BD\$ 400 (reduced from BD\$ 500) can be paid by check which can be mailed or dropped off at the CSF Headquarters or paid by third-party bank transfer (no wires please) to the CSF bank account at Scotiabank before the first day of the camp. In exceptional cases, arrangements can be made for four weekly payments of BD\$ 100 each.

Thank you for your interest, and we look forward to an exciting and productive 2023 Level IV Barbados Junior Robotics Camp!

Respectfully Yours,

The Robotics Planning Committee

2023 Barbados Junior Robotics Camp - Level IV Application

(Open only to children who are at least 15 and less than 19 years of age by July 1, 2023, and have previous adequate STEM, programming, or robotics experience)

Camp Dates: 18 July 2023 to 18 August 2023

SECTION A. TO BE COMPLETED BY PARENT/GUARDIAN IF CAMPER IS UNDER 18 YEARS OF AGE

Name of Camper: _____

Date of birth: _____ Country of Birth _____

Address of camper: _____

E-mail addresses of Camper: _____

Tel. No. of Camper: (home) _____ (work) _____ (cell) _____

Citizenship _____

First time applying to BJRC? _____ If NO, year applied _____

Previous CSF Programs in which Camper participated (e.g., Coding workshops, STEM Olympiad). Please list the programs and years of participation _____

Name of parent/guardian: _____

Tel. No. of parent/guardian: (Home) _____ (work) _____ (cell) _____

E-mail addresses of parent/guardian: _____

Address of parent or guardian: _____

Additional contact person (In case of emergency):

Name: _____ Tel: _____

Relation to Camper: _____

List camper's allergies, if any _____

List camper's medical conditions _____

Does the camper require medication, and how often? _____

Please confirm that Camper will attend the camp for the entire period YES NO

If "no" which days will camper be absent: _____

For parent/guardian: Will the camper be collected from the camp by you, or will he/she go home with another adult? Please provide the name and cell phone number of the adult who will collect your child from the camp.

Adult: _____ Tel: _____

In the event of a change in pick-up routine, a signed letter (hardcopy or email) should be provided to Ms. Dee-Ann Wood (csfadmasst@gmail.com) at CSF Headquarters, Owen Arthur CARICOM Research Complex, UWI Cave Hill Campus, St. Michael, Barbados.

Reminders:

1. The online survey of the latest CSF camp in which the camper participated (if applicable) must be on file at the CSF for this application to be considered. Please find the form at:
<https://docs.google.com/forms/d/e/1FAIpQLScXB1tyvb3KmjQh3WXVaByN6c9iExdRhqf1fokZyK-61Q0Z1Q/viewform>
2. IMPORTANT: Please attach either: (a) proof of Barbados citizenship (e.g., a copy of National ID Card or the child's passport declaration page) or proof that camper has attended a Barbados school for the past 2 consecutive years if the child has other Caribbean citizenship, and (b) proof of age of camper if the date of birth is not present on the citizenship document. Applications without these items will not be considered.
3. For campers under 18 years of age, the parent/guardian must sign and return to the CSF the CONSENT TO MEDIA RECORDINGS FORM: MINOR which can be downloaded from the CSF website at <https://caribbeanscience.org/wp-content/uploads/2023/04/PARTICIPANTS-CONSENT-TO-MEDIA-RECORDINGS-FORM-Minor.pdf>
4. Campers over 18 years of age must sign and return to the CSF the CONSENT TO MEDIA RECORDINGS FORM: ADULT which can be downloaded from the CSF website at <https://caribbeanscience.org/wp-content/uploads/2023/04/PARTICIPANTS-CONSENT-TO-MEDIA-RECORDINGS-FORM-Adult.pdf>

Signature of parent/guardian, or camper if over 18 years of age:

_____ Date: _____

Barbados Junior Robotics Camp - Level IV

SECTION B - TO BE COMPLETED BY THE CAMPER

If you are a parent, please allow your child to complete this section *unassisted*.

There are no right or wrong answers. We would like to see the camper's personality come through.

1. Previous robotics camps/courses attended (Camp name and year):

2. Previous computer programming courses/camps attended (Camp name and year):

3. Are you a member of any club/activity group? Which ones?

4. What do you do in your spare time? _____

5. Have you ever tried to fix anything? What was the result? _____

6. Have you ever tried to make anything (could be anything – a car put together with bits and pieces, a cake, a bracelet etc.)? What was it? What was the result?

ESSAY QUESTIONS

1. Why do you want to take this robotics camp? (about 200 words)

2. What are your further education goals and your career aspirations? (about 200 words)

SECTION C
BJRC PRINCIPAL/TEACHER/COACH RECOMMENDATION FORM

IMPORTANT

To Camper and Parent

Please print the two pages of the BJRC Teacher-Principal Recommendation Form at either of the link below:

https://caribbeanscience.org/wp-content/uploads/2023/05/BJRC_2023_Levels_3-4_Teacher-Principal_Recommendation_Form.docx

or

https://caribbeanscience.org/wp-content/uploads/2023/05/BJRC_2023_Levels_3-4_Teacher-Principal_Recommendation_Form.pdf

and give them to your science or math teacher, or principal to fill out and return to the CSF.

Alternatively, the teacher or Principal can directly download the fillable version of the form in .docx or .pdf format from either of the above links 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.

Applications without this completed recommendation form submitted to the CSF by 11:59 pm AST on 09 July 2023 will not be considered.

CHECK LIST

Use the checklist below to ensure that your application package is complete. The CSF will not send incomplete application packages to the reviewers. All items must be sent to the CSF by e-mail. Check off each item in the check list as you attach it to your e-mail.

Attachments with file names such as “scan 0003” would likely cause your attachment to be misfiled. So, **please be sure to name your attachments to reflect what they contain and embed your first and last name somewhere in the filename.** More specifically, please include **“BJRC Level IV Application [Camper’s first and last name] along with a word that describes the attached item.** Also note that attachments with the content upside down will annoy most reviewers. Please make sure your attachments are upright and legible. Failure to take these steps may result in your application being mis-filed or misplaced.

Checklist

- Have filled out survey Form for previous BJRC Campers (if applicable)
- Have sent recommendation form to Camper’s math or science teacher, or principal well in advance of the application due date.
- Have attached a copy of either: (a) Camper’s Barbados National ID card, or (b) proof that Camper has attended a Barbadian school for the past 2 consecutive years, if Camper has Caribbean citizenship other than Barbadian, and (c) proof of camper’s age if it is not the above documents.
- Parent/Guardian’s signature is affixed to bottom of Section A
- Have answered the two essay questions (in Section B)
- Have answered the question on previous programming and/or robotics experience in Section B
- Have fully completed Sections A & B
- Have attached the Media Consent Form signed by parent or guardian, or Camper if Camper is over 18 years of age.
- Have attached a head and shoulders photograph of the Camper (jpeg, png or pdf only)

Please send the completed application package by e-mail with attachments (pdf, png or jpeg only) to: applications.csf@gmail.com with the subject line “BJRC Level IV Application [Camper’s first and last name].”
Your complete application package must be e-mailed no later than 11:59 pm AST on 09 July 2023.