



## Grant Application Samples

ISCEF encourage potential CRCC participants to apply for funding from public and private organization who offer grants. There are many state grants as well as public sources like donorschoose.org that offer opportunities to raise money to pay for CRCC registration.

Below is some information typically required in grant applications that will assist you to submit your applications.

Please edit or add information to the descriptions you think is appropriate. This is only intended to be used as a guide.

### **Title: Cyber Robotics Coding Competition**

#### **My Team/About your students/Who is the grant for**

STEM Education is a high priority for educators who understand the need to enable students to enter the 21<sup>st</sup> century world with both tech literacy and a solid understanding of how technology is used and created. This influence at a young age for students of all backgrounds, socio-economic levels and genders is what will change the number of students who pick STEM careers in the future.

Most STEM programs use robotics and while this is a good way to introduce mechanical engineering, technology and other STEM topics, it is offered to a minority of students as robots are complex, expensive and need educator expertise many schools do not have.

CoderZ and the CRCC (Cyber Robotics Coding Competition) address STEM in an equitable and inclusive way by using virtual robotics. The online competition is much lower cost, allows much larger numbers of students to participate and is gender friendly.

#### **My Program Request**

By entering my class/school for the 2019 Fall Season of CRCC, I will be able to offer ALL of the students in my classes access to STEM in a fun and engaging forum where they will compete with their peers, with other classes and with other schools. All the while, the students will be learning the fundamentals of robotics, motors, guidance, sensors and machine physics. In addition – CRCC introduces coding skills – the computational logic and concepts of Computer Science to introduce the students to the world of code. Students compete as individuals, teams, classes and as a school – so they will develop soft skills and career readiness as they learn time management, planning, communication, conflict resolution and much more.

The CRCC Competition is well suited to our school because of the flexibility of the program. While it is a competition, it focuses on including as many students as possible and not only who are the top individuals. Schools who have the highest participation, the most girls and the most classes are the schools that will qualify for the state finals.



CRCC is a way for teachers like myself to develop students and create a school wide spirit that will have students embracing the learning process.

By donating funds to support my school, you are helping students to achieve skills that extend into their careers and far beyond the classroom. Unlike traditional Robotics Competitions, the CRCC gives students who would not normally participate the opportunity to explore robotics. These students are our future leaders, engineers, programmers, as well as doctors, business people, production workers and artists who will live in the world of technology every day. Your donation will help create an understanding and interest in robotics, coding and STEM.

**Funding Request/How your Donation will be used**

The major advantage of the CRCC is that it is online and so no hardware or disposable equipment is required. Our school will use our existing computer and internet resources as well as students are able to participate from home from any computer.

| <b>CRCC Participation Budget</b>                                                                             |        |                                        |               |
|--------------------------------------------------------------------------------------------------------------|--------|----------------------------------------|---------------|
| * Please choose if you want to sign up a class or the whole school and delete the price that isn't relevant. |        |                                        |               |
| Team Registration Fee                                                                                        | School | All students in the school (unlimited) | \$550         |
|                                                                                                              | Class  | 30 students                            | \$250         |
| Teacher Professional Development                                                                             |        |                                        | Included      |
| Equipment                                                                                                    |        |                                        | None required |
| Prizes                                                                                                       |        | Optional Awards                        | \$100         |
| <b>Total Requested</b>                                                                                       |        |                                        | <b>\$650</b>  |

Here is a list of several education grant sources beyond Title I, II, III, IV, Perkins, and IDEA:

- [Kickstarter](#)
- [Indiegogo](#)
- [GoFundMe.com](#)
- [DonorsChoose.org](#)
- [Grantsalert.com](#)
- [The Grantsmanship Center](#)