



How Much Will It Cost?

So you and your school have decided to start a robotics team. We recommend you commit to a robotics program for a minimum of 2 years. One because of the cost, but two because you the coach are new and in many cases are learning robotics with the students.

To start you will need a robot. The RCX Program uses robotics from LEGO Education. Currently, you have the choice to buy the Mindstorm NXT and the Mindstorm EV3. I recommend you go with the Mindstorm EV3 due to the Mindstorm NXT was phased out in 2015. LEGO Education also offers many texts to support coaches, from the beginners to more advanced engineering applications. LEGO Education offers robotic related educational tools from kindergarten through college.

Below is a brief outline of costs you will need to consider to get started with the RCX Program.

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| 1. Robot- EV3 Core set (robot w/ software-one-time expense) | \$380 |
| 2. Robotics Table- The 4x8 competition Board. Made by you and one-time cost | \$100 |
| 3. RCX Competition Fees is an annual cost for 1 team to compete. Includes 1 Mat, 1 set of LEGO pieces, and 1 team registration. | \$195 |
| -Additional teams each. | \$ 30 |

Prices at www.legoeducation.us are subject to change. There are too many options to list, so go to the website and review your options to make an informed decision. Therefore, to sponsor a new robotics team to compete in the RCX Challenge in year 1 would cost you approximately \$705. Annual costs for 1 team to compete in the RCX Tournaments is \$195, with additional teams only \$30 each. If you wish to add additional teams, I recommend you do this over several years. Buying the site license and additional robots in year 2, 3, etc.

If you have the robot and table, the annual cost to participate is only \$195 for one team.

The benefits to participating in the RCX Program include the opportunity for your students to compete with multiple teams in a more economical way than other national programs. Plus we encourage teams of 2-4 students, this provides a hands on activity for the kids to learn teamwork, computer programming, engineering, math concepts and problem solving skills. Teams may have as many as 10 students, however smaller teams allow for a better educational opportunity for the kids.

Resources to consider:

LEGO Education Website:	www.legoeducation.us
LEGO Regional Rep: Steffanie Forbes:	sforbes@legoeducation.us
RCX Information	information.rcx@gmail.com
RCX Website	www.rcxrobot.org

