

Ten Things you can do to start a robotics program.

1. You are already here at STREAM- that is number 1. Also number 1 is to learn with your students and from your students. Let them do what interests them if they have special projects- for instance, my students intend to make a 'Legway' in the fall with BotBall materials. Teachers do not have to know everything to start a program. (Would you have to know how to ski better than every student to have a ski club?)
2. Collaborate with local Community Colleges, Colleges and Universities.
3. Combine middle school and high school students for after school robotics club.
4. Compete in BotBall, BotFest or other competition- check out teacher resources at www.botball.org
5. Use i-Code's online compiler for crickets and super crickets: <http://icode.cs.uml.edu/>
6. Check out Robonica: <http://www.robonica.com/> they will do a demo at your school or you can call and arrange a visit to their Beverly, MA location.
7. Join the AP CS listserv: "AP Computer Science" <ap-compsci@lyris.collegeboard.com>

Information like this is available regularly: Monica Anderson at the University of Alabama won an NSF award to integrate the teaching of Alice 2.2 with robots. Details are available from: <http://www.nsf.gov/awardsearch/showAward.do?AwardNumber=0736789> Contact her directly if you are interested in what she has done and/or you'd like access to her materials anderson@cs.ua.edu

8. Find out about all PD, including at BATEC , CAITE and CSTA all for free
<http://www.batec.org/index.php> <http://www.caite.info/> <http://www.csta.acm.org/>
9. Find some great curriculum at:
<http://www.cs.uml.edu/teams-academy/index.php/Robots/HomePage>
<http://www.cs.uml.edu/teams-academy/index.php/Explore/NewRobotSeminar>
10. Find out more about: NH Tech Fest Sat Oct 23 <http://www.nhtechfest.org/>
11. Fundraising could be another handout: Apply for grants and scholarships; send letters of requests for financial support to local companies; raffle off a mindstorm or robonii robot; do a 50-50 raffle and give a prize for the most tickets sold

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Request: Please contact me to be added to a list of educators interested in attending a Computer Science Youth Summit, currently being organized for Fall 2010. E-mail me your name, name of school affiliation and grades of your students, address and email addresses with the subject "Youth Summit 2010".

document available at: https://docs.google.com/Doc?docid=0Aetn_SXD3WBMZGRjOHMzZDdfNDBjcGRkdzVnMw&hl=en