Chapter 6

Useful Resources for Teachers and Students

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In this final chapter some useful resources on educational robotics including books, articles and web resources are recommended for teachers and students to support them in using robotics or designing activities for educational purposes.

6.1 TERECoP Publications (in chronological order)


6.2 Proposed Literature

6.2.1 Books

6.2.2 Papers


6.2.3 Web Resources

1. Educational Robotics Repository: A shared space for collecting curricular materials on the use of educational robotics, currently in undergraduate classes http://www.sci.brooklyn.cuny.edu/~sklar/er/er.html


3. Lifelong Kindergarten http://llk.media.mit.edu/mission.php The Lifelong Kindergarten group is located within the MIT Media Lab, a hotbed of creative activity.

4. Houghton Mifflin's Project Based Learning Space: A site that supports course instructors, novice teachers, practicing teachers to a) do sustained inquiry on extended problems and projects b) get background knowledge on its theory and use in classrooms, and c) revisit generic teaching concepts. http://www.college.hmco.com/education/pbl/background.html


6. LCSI http://www.microworlds.com/. The site of LCSI where you can find information about the logo like environment for controlling NXT.

Software


8. Robolab http://www.ceeo.tufts.edu/

Teacher Education on Robotics-enhanced Constructivist Pedagogical Methods

10. NBC language http://bricxcc.sourceforge.net/nbc/
12. LCSI Microworlds EX Robotics http://www.microworlds.com/

Ideas for robotic-enhanced projects
15. The Bee-bot robot http://www.bee-bot.co.uk
17. The Pico Cricket robot http://www.picocricke.com

Projects on robotics
19. TERECoP project www.terecop.eu
20. IRRE Piemonte http://robotica.irrepiemonte.it/robotica/index.htm
21. Robot@Scuola http://www.scuoladirobotica.it/retemiur/
22. Amico Robot http://www.amicorobot.net/
   http://complubot.educa.madrid.org/