

4. Incentives/Compensation (if any): There is no payment or financial reward that is provided as compensation for participation in this study.


5. Anticipated Benefits to the Subject or to Non-subjects: We wish to work with your child because we believe this study will lead to improved engineering curriculum for the educational community. Your child may personally gain skills in abstract problem solving, and/or increased understanding of and interest in design principles.

6. Right to Refusal or Withdrawal of Participation: Participation in this study is completely voluntary. This program is only for parents and students who agree to participate in this research study. You may decide not to participate at any time without any penalty. This decision will not affect other services provided to you by the Youth Development Organization or the University of Massachusetts Lowell.

7. Assurances of Privacy and Confidentiality: Only the researchers will have access to recorded materials. All research data will be strictly confidential. Your child's name and all other identification will be removed from everything that is collected, including images, audio recordings, and video recordings. Every precaution will be taken to protect your child's privacy and confidentiality in the data collected. Recorded videos will be destroyed no later than three years after the completion of this research project. Publications based on this research will not include any participant identifiable information.

8. Additional Information (Include contact information for researchers): This form is also available in Spanish. Please contact the researchers to obtain this version. If you do not understand any portion of this form we will be happy to provide a complete explanation. Questions relating to this research project are welcome at any time. Please contact Dr. Fred Martin, Associate Professor, UMass Lowell Computer Science, 1 University Avenue, Lowell MA 01854, fredm@cs.uml.edu 978 -934-1964 Thank you.

PRINCIPAL INVESTIGATOR SIGNATURE(S) -See definition of PI for who is authorized to sign here.

1. Printed Name: **FRED MARTIN** Signature:  Date: **APRIL 21, 2010**

PERSON OBTAINING CONSENT

Printed Name: **HOWARD STICKLOR** Date:

Signature:

PARENT/GUARDIAN SIGNATURE

I understand the risks, requirements, and protocols that have been described in this document. I have read this entire document, have had the opportunity to fully discuss my concerns and questions, and fully understand the nature and character of my child's involvement in this research program as a participant and the possible risks and consequences.

Parent, Guardian, or Legal Representative (if applicable):

Printed Name: Date:

Signature:

Child's Name: