

**Build-It Year-2
Student Survey #1 (2008-09)**

Name: _____

Gender: Male Female

School: _____ What grade are you in? _____

AT SCHOOL

What subject do you like **best**? _____

Why? _____

What subject do you like **least**? _____

Why? _____

How hard is school for you? (**Circle** 1, 2, 3, 4, or 5 from below, with 1 being "Very hard".)

1 2 3 4 5
Very hard <-----> Very easy

What grades did you get in these subjects last year? (**Circle** one.)

Science:	F	D	C	B	A	Did not take
Math:	F	D	C	B	A	Did not take
Computers/ Technology:	F	D	C	B	A	Did not take
Industrial arts:	F	D	C	B	A	Did not take
Pre-Engineering/Engineering:	F	D	C	B	A	Did not take

In school, have you studied any of the following? (Check **ALL** that apply.)

- | | |
|--|-----------------------------------|
| <input type="checkbox"/> Gears and gear ratios | <input type="checkbox"/> Torque |
| <input type="checkbox"/> Forces | <input type="checkbox"/> Buoyancy |
| <input type="checkbox"/> Motion | |

Do you know what iterative or engineering design process is?

- Yes Not sure No

If you answered "Yes", define it. _____

Do you like working in groups at school?

- Yes, very much Yes, somewhat No

What problems do you have with working in groups? _____

Do you see any differences between boys and girls in your math, science, or technology classes?

- Yes No

If you do see differences, what are they? _____

Have you ever done any programming?

- Yes No

If yes, which programming languages do you know? _____

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Have you ever taken any programming courses?

- Yes No

If yes, what programming languages did you learn? _____

Have you ever had any experience with robotics?

- Yes No

If yes, where was it? (Check ALL that apply.)

- In school
- At home
- At an after-school program
- At an weekend program
- At a summer camp or summer school
- Other (Please describe: _____)

Have you ever participated in any of the following competitions? (Check ALL that apply.)

- School science fair
- Regional science fair
- Build-IT
- Robotics competition(s) (e.g., RoboCupJunior, Botball, FIRST, TSA, etc.)
- Engineering design competition(s)
- ThinkQuest
- Science Olympiad
- Math Olympiad
- Other (Please describe: _____)

Write a sentence describing what engineers do: _____

FUTURE PLANS

What are you thinking about doing after graduating from high school? (Check ALL that apply.)

- Attend a four-year college or university
- Attend a two-year community college
- Attend a community college and then a four-year college
- Attend a technical school or special training program
- Work full time
- Work part time
- Join the military
- Don't know yet
- Other (Please describe: _____)

List two jobs you might like to do.

Job 1: _____

Job 2: _____

What PROBLEMS do you think you might have making your plans happen?

