# Science, Technology, Engineering, and Mathematics

Based on your engineering design experiences, read each statement and circle the number from 1 (Strongly Disagree) to 5 (Strongly Agree) that best describes your <u>belief</u> about the statement.

<u>Example</u>

| | Strongly Disagree | | | | Strongly Agree |
|---|---|---|---|---|---|
| I like building models. | 1 | 2 | 3 | (4) | 5 |

During my involvement in the engineering design challenge I found out that I like to build prototype models. If you really love to build models, you might circle number 5. If you hate doing this, circle number 1!

| | Strongly Disagree | | | | Strongly Agree |
|---|---|---|---|---|---|
| 1. I find my science class interesting. | 1 | 2 | 3 | 4 | 5 |
| 2. I find my math class interesting. | 1 | 2 | 3 | 4 | 5 |
| 3. I am interested in taking more science classes. | 1 | 2 | 3 | 4 | 5 |
| 4. I am interested in taking more math classes. | 1 | 2 | 3 | 4 | 5 |
| 5. I am confident in my ability to engage in science questions. | 1 | 2 | 3 | 4 | 5 |
| 6. I am confident in my ability to engage in math questions. | 1 | 2 | 3 | 4 | 5 |
| 7. I have an easy time solving science problems. | 1 | 2 | 3 | 4 | 5 |
| 8. I have an easy time solving math problems. | 1 | 2 | 3 | 4 | 5 |
| 9. I know what engineers do at work. | 1 | 2 | 3 | 4 | 5 |
| 10. I am confident that I could be an engineer. | 1 | 2 | 3 | 4 | 5 |
| 11. I am comfortable using technology (calculator, internet, etc.) on science homework. | 1 | 2 | 3 | 4 | 5 |
| 12. I am comfortable using technology (calculator, internet, etc.) on math homework. | 1 | 2 | 3 | 4 | 5 |
| 13. I understand how math and science are a part of engineering. | 1 | 2 | 3 | 4 | 5 |