**Your Interest in Science & Science Thinking**

**1. Are you interested in learning about animal science?**

Yes

Usually

Not really

No

**2. Are you interested in learning about plant science?**

Yes

Usually

Not really

No

**3. Are you interested in learning about environmental science?**

Yes

Usually

Not really

No

**4. Are you interested in learning about robotics?**

Yes

Usually

Not really

No

**5. Are you interested in learning about engineering?**

Yes

Usually

Not really

No

**6. How much do you like science?**

A lot

A little

Not at all

**7. Would you like a job that uses science?**

Yes

Sort of

No

**8. How much do you like engineering?**

A lot

A little

Not at all

**9. Would you like a job that uses engineering?**

Yes

Sort of

No

**10. Do you ask questions about how things work?**

Yes

Usually

Not really

No

**11. Do you try new things to see how they will work?**

Yes

Usually

Not really

No

**12. Do you look at how things are the same or different?**

Yes

Usually

Not really

No

**13. Do you compare how different things work?**

Yes

Usually

Not really

No

**14. Do you take things apart to see how they work?**

Yes

Usually

Not really

No

**15. Do you come up with ideas for how to build new things?**

Yes

Usually

Not really

No

**16. At 4-H, did you learn new things about science?**

Yes

Sort of

No

**17. At 4-H, did you learn new things about engineering?**

Yes

Sort of

No

**18. At 4-H, did you talk about how science can be used to help solve everyday problems?**

Yes

Sort of

No

**19. Have you shared your science-related project with others?**

Yes

Sort of

No

**Your Science Skills & Attitudes**

**20. Do you know how to ask a hypothesis that can be tested?**

Yes

Sort of

No

**21. Do you know how to plan an experiment?**

Yes

Sort of

No

**22. Do you know how to analyze data to draw conclusions about a hypothesis?**

Yes

Sort of

No

**23. Do you know how to communicate the results of an experiment to others?**

Yes

Sort of

No

*For the following questions, please mark how much you agree with each sentence.*

**24. I like science.**

Strongly agree

Agree

Disagree

Strongly disagree

**25. I would like a job that involves using science.**

Strongly agree

Agree

Disagree

Strongly disagree

**26. I would like to study science after high school.**

Strongly agree

Agree

Disagree

Strongly disagree

**Your Engineering Skills & Attitudes**

**27. Do you know how to define an engineering design problem?**

Yes

Sort of

No

**28. Do you know how to identify potential solutions to a design problem?**

Yes

Sort of

No

**29. Do you know how to evaluate test results to identify the best solution?**

Yes

Sort of

No

**30. Do you know how to communicate a design solution to others?**

Yes

Sort of

No

*For the following questions, please mark how much you agree with each sentence.*

**31. I like engineering.**

Strongly agree

Agree

Disagree

Strongly disagree

**32. I would like a job that involves using engineering.**

Strongly agree

Agree

Disagree

Strongly disagree

**33. I would like to study engineering after high school.**

Strongly agree

Agree

Disagree

Strongly disagree