

5=Not at All  
4=Somewhat  
3=Moderately  
2=Very  
1=Absolutely

- OPTQ01 Science Skill: Use technical science skills (use of tools, instruments, and/or techniques)
- OPTQ02 Science Skill: Generate a research question
- OPTQ03 Science Skill: Determine how to collect appropriate data
- OPTQ04 Science Skill: Explain the results of a study
- OPTQ05 Science Skill: Use scientific literature to guide research
- OPTQ06 Science Skill: Integrate results from multiple studies
- OPTQ07 Science Skill: Ask relevant questions
- OPTQ08 Science Skill: Identify what is known and not known about a problem
- OPTQ09 Science Skill: Understand scientific concepts
- OPTQ10 Science Skill: See connections between different areas of science and mathematics

5=Strongly Disagree  
4=Disagree  
3=Neutral  
2=Agree  
1=Strongly Agree

- OPTQ11 I have a strong sense of belonging to a community of scientists
- OPTQ12 I derive great personal satisfaction from working on a team that is doing important research
- OPTQ13 I think of myself as a scientist
- OPTQ14 I feel like I belong in the field of science