

Please answer the following questions to the best of your ability. Your responses will help us to understand how you evaluate online articles that provide scientific evidence.

Will my responses be graded?

No. Your responses will be used by our research team to understand how you think critically about science.

Will my results be confidential?

The professors and researchers on our team will compile your responses for our project; no one outside of our team will have access to your responses.

You may answer the questions in any order, and you may change your responses at any time.

If you encounter problems or have questions while you are completing this pre-assessment, please raise your hand and a member of the research team will assist you.

Section 1: Demographic Survey

1. Please enter your first name and last name. We will use this information for matching with future surveys; your name will be removed prior to the analysis of the responses.

2. I am a

- First-year student (freshman)
- Second-year student (sophomore)
- Third-year student (junior)
- Fourth-year or more student (senior)
- Transfer student

3. What is your current gender identity?

- Male
- Female
- Other

4. What was the primary language spoken in your home?

- Arabic
- Armenian
- Chinese
- English
- French
- French Creole
- German
- Greek
- Gujarati
- Hindi
- Italian
- Japanese
- Korean
- Persian
- Polish
- Portuguese
- Russian
- Spanish
- Tagalog
- Urdu
- Vietnamese
- Other (please specify)

5. What was your most recent science class?

6. What is your undergraduate major?

7. What is your undergraduate minor?

Section 2: Tenets of Nature of Science

Please read each of the following tenets of the nature of science and write a 1 or 2 sentence reaction.

8. Scientific ideas are durable, yet are subject to change.

9. Science avoids bias.

10. The natural world is understandable.

11. Science is a blend of logic and imagination.

12. Science is a social activity.

13. Science demands evidence.

Thank you for completing this pre-assessment.

If you have further questions about the study, please email Dr. Nancy Holincheck in the Graduate School of Education at GMU, nholinch@gmu.edu