

## Space Science Survey

Gender: \_\_\_M \_\_\_F

Grade Level: \_\_\_\_\_

Your initials: \_\_\_\_\_

Birth month: \_\_\_\_\_ Birth date: \_\_\_\_\_  
 (Example): April 3

<b>To me, space science is</b>										
1.	Fascinating	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Ordinary
		1	2	3	4	5	6	7		
2.	Appealing	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Unappealing
		1	2	3	4	5	6	7		
3.	Exciting	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Unexciting
		1	2	3	4	5	6	7		
4.	Means nothing	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Means a lot
		1	2	3	4	5	6	7		
5.	Boring	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Interesting
		1	2	3	4	5	6	7		

<b>To me, the solar eclipse is</b>										
1.	Fascinating	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Ordinary
		1	2	3	4	5	6	7		
2.	Appealing	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Unappealing
		1	2	3	4	5	6	7		
3.	Exciting	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Unexciting
		1	2	3	4	5	6	7		
4.	Means nothing	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Means a lot
		1	2	3	4	5	6	7		
5.	Boring	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Interesting
		1	2	3	4	5	6	7		

Rate each statement on a scale of 1-5, 1=Strongly disagree, 5=Strongly agree

	1	2	3	4	5
I know where to find more information about eclipses.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I want to learn more about eclipses.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I plan to find out more about eclipses before the August eclipse.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I plan to view the eclipse live, online or on TV.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I know how to find out about events in my area related to the eclipse.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I plan to tell other people about the eclipse.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

I plan to have a career in:

- Science
- Technology
- Engineering
- Mathematics
- Other: Please specify \_\_\_\_\_

1. An eclipse is defined as an astronomical event that occurs when one celestial object moves \_\_\_\_\_ another, partially or fully obscuring it from view.
  - A. next to
  - B. in front of
  - C. in back of
  - D. on top of
2. When can a solar eclipse occur?
  - A. Anytime
  - B. During a new moon
  - C. During a full moon
  - D. In the last quarter of the full moon
3. Which type of eclipse occurs when the Sun is completely obscured the by moon? The Sun is replaced by only a dark silhouette of the Moon. The Corona of the sun is still visible, but only faintly.
  - A. Total eclipse
  - B. Annular eclipse
  - C. Partial eclipse
  - D. Hybrid eclipse
4. What is the average duration of 'totality' in a total solar eclipse?
  - A. 10 – 20 seconds
  - B. 2 – 7 minutes
  - C. 1 – 2 hours
  - D. 1-2 days
5. In a total solar eclipse, the sun's \_\_\_\_\_ is visible around the moon's shadow.
  - A. Photosphere
  - B. Light
  - C. Glow
  - D. Corona
6. It is dangerous to look directly at the sun during the partial eclipse phase because it can cause:
  - A. A headache
  - B. Severe eye damage
  - C. Death
  - D. Distortions
7. NASA scientists are studying the Sun's activity during the eclipse to:
  - A. Determine the size of the sun
  - B. Improve understanding and prediction of space weather that can affect Earth
  - C. Measure the distance from the earth to the sun
  - D. Understand how an eclipse affects Earth
8. Heliophysics is the study of:
  - A. helium
  - B. the universe
  - C. the sun
  - D. the moon