

Space Internet Hunt

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Directions: Use the colored links provided to find the answers to the questions. If the link is not working, use your Internet researching skills to develop an answer.

1. May 5th 2002 an [incredible event](#) occurred in the sky involving three planets.
Which planets were involved?

What occurred?

2. What is an [asteroid](#)?

How is an asteroid different than a planet?

3. Write three [facts about the Sun](#)

4. What is the [solar cycle](#)?

5. May 5th is the anniversary of [Alan Shepard](#) being the first American in space.


How many years ago did this happen?

6. In 1976 the Viking 1 spacecraft took a picture of Mars. People saw something that looked like a giant face.

[What is it really?](#)

7. Watch the [Moon 101 video at National Geographic](#).
How does the Moon influence the earth?

8. Challenge question: The earth rotates (turns) on its axis. Does Earth's moon rotate on an axis?
Find the clues to figure out the answer in the [StarChild web site](#).

9. Review the [Comparison and Contrast Guide](#) @ ReadWriteThink - online activity through "Evaluating".
Tip: To work your way through click the right pointing arrow after reading each page. 

Compare and contrast [Earth](#) with another [planet in our solar system](#).

10. TAI. (Think about it) John Glenn was the first American man to orbit the earth.
[Where did he land](#) when he returned from space?

Why do you think he had to land there?

Do astronauts still land this way?

Identify another thing that has changed in the United States space program.

12. Our [solar system](#) is part of a group of stars called the

The Milky Way is an example of a

True or false all galaxies are the same.

13. NASA's Astronomy [Picture of the Day](#). Summarize the text about today's picture.

14. Solve the [Assuming There is no Traffic problem](#).

15. Every full moon is not the same. [Explain](#)

16. [What is the debate](#) about the number of planets in our solar system?

What do you think?

Journey further with [The Pluto Files](#) on PBS

17. How does [space weather](#) impact people on earth?

Do some research.

You have been asked to give a brief talk about planetary contradictions. Identify some facts about planets that are surprising or contradict what you thought would be true.

Hint: Check out the temperatures of the planets. What is surprising?

Extra: MathMastery - Is your [Moon Bigger?](#)


[Wechoosethemoon.org](#) - **experience the lunar mission WOW!** Recreating the history Apollo 11 lunar mission. You can view photographs and videos from the archives, follow the entire event minute by minute on three separate twitter feeds, and browse thousands of pages of declassified mission documents. The web at its best


"One small step for man, one giant leap for mankind." ~ Neil Armstrong 

Done already? Good for you!

[Take a virtual Tour of the Solar System](#)

 [Explore the Solar System](#) - Venn Diagram activity

 *Make a Space Events Calendar for next month. Gather facts about at least 10 events that can be seen in the sky next month. Use the [Make a Calendar](#) feature/template, of your word processing software, to enter the events in the dates on the calendar. [Word](#) | [iWork](#)
Or use [ePrintable.com](#) to print the calendar and write in the info. | [Enter the cloud](#) - Use [Google's free Calendar](#)*

 *Do a Frayer Model (or 2) on a heavenly body - [Space Frayer Model.doc](#) | [Space Frayer Model pdf](#)*

 *[One Small Step](#) web site - The history of man's race to the moon. Extraordinary site! | [Where are all the Little Green Men?](#)*

 [A Matter of Scale](#)

★ Check out the Hubble telescope's web site for more views of space
<http://hubble.stsci.edu/discoveries/hstexhibit/index.html>

★ [Eye on Infinity @ NGS](#)

★ [Sagan - Reflect on this mote of dust](#) essay

★ [Adventures of the Argonauts](#)

★ Blast off with the [Franklin Institute Space resources](#)

★ Explore the CosmicQuest -Living in Space activity
<http://www.childrensmuseum.org/cosmicquest/index.html>

★ [Exploring our solar system](#) | ★ [Astronomy](#)

★ When can you see a satellite pass over your town? <http://www.heavens-above.com> Use the Select your location. Answer the location questions.

★ Dive into [Back Holes](#) | ★ Check out the BBC's [online - solar system jigsaw](#). Try Planet level first.

★ [The Future Channels](#) integrating math science and career exploration

★ [Mysteries of Deep Space](#) | ★ Explore a science subject at [Science Close Up](#) gr 1-6

★ [Eyes on the Sky and Feet on the Ground](#) | ★ [Space Junkyard](#) video

★ [By Way of the Moon](#) web quest | ★ [WorldWide Telescope](#) - free downloadable software spans astronomy, education and computing

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Save a tree - use a Digital Answer Sheet: Highlight the text of the questions on this web page, copy them - Edit .. Copy. Open a text document or word processing document. Paste the questions into the blank document. Answer the questions in the word processing document in a contrasting color (not yellow) or font (avoid fancy fonts like: ~~Blackman~~, Symbol, ~~DEARFORM~~ or ~~Brodochio~~ . Save frequently as you work. I do not like losing my work. You will not like it either. Put your name and the date in a header. Bad things happen. Retain a copy of your work on your computer. Submit your assignment via a class electronic drop box or email attachment.

Proof your responses. It is funny how spelling errors and typos sneak in to the best work. 😊 [Make Your Own Printed answer sheet](#)

Tech Tip: Working in a group or in two different places like the library & home? You do not have to be physically together to work together.

★ [Watch Google Docs video](#) TAI - How could you use free, [Google Docs](#) to do a project? How would this

facilitate group projects?

National Educational Technology Standards for Students
