

Moon Hunt

NASA wants to fund a new moon mission. Your job, as a NASA Research Scientist, is to research the moons in solar system so that an informed decision can be made about which moon a probe will be sent to, to gather information.

Use the reference materials in your library or information or the links below:

Internet Starting Points:

- www.solarviews.com
- sse.jpl.nasa.gov
- windows.ucar.edu

1. Which planets have moons? Do any planets have more than one moon or none at all? Record your findings in the table below.

Planet	Number of Moons
1.	
2.	
3.	
4.	
5.	
6.	
7.	
8.	
9.	

2. How many moons are in our solar system?
3. How long does it take the Earth's moon to make one orbit?
4. Scientists are still finding moons around which planet?
5. Who is credited with the discovery of 4 of Neptune's moons?
6. Which of the moons takes the longest amount of time to make one orbit around its planet? (Name the moon, its planet and its revolution period.)
7. Which of the moons is the largest in diameter? (Name the moon, its planet and its measurement(s).)
8. Which of Jupiter's moons is the smallest in diameter? (Name the moon and give its measurement.)
9. In general, how would you describe the shape of the majority of the moons found in our solar system?
10. The planet Mars will probably be the next in line for a visit from Earthlings. On the back of this paper give 5 facts about each of Mars' Moons.