

# “MOONS” of the Solar System

This is a question and answer event consisting of twenty five stations. Each station may have from one to three questions. The event is designed to explore the following aspects about the natural satellites of our Solar System:

- A. Basic terms describing the properties of natural satellites. This would include “factoids” about planetary families of moons.  
example: How many “moons” have been identified in the solar system?
- B. Naming specific moons from pictures. This section will be limited to the major satellites with names. The image may be of a specific moon or identifiable feature.
- C. Unique characteristics or properties associated with a particular moon, such as, volcanism, atmospheres, terrain features (either present or absent), orbital behavior, etc.
- D. The satellites used to collect the data and images. Important satellites include: Pioneer 10,11; voyager I, II; Galileo; Cassini  
Example, Which satellite provided the earliest photos of Io?

## References Recommended

Wikipedia “Moons of [planet]”, and individually named moons  
NASA JPL satellite images

Students may bring printed notes and reference material, but no electronic devices (iPods, Blackberry, cell-phones, et al.) may be used during the event.

Scoring: One point for each correct answer. The raw scores will then be normalized to the 50 point scale. If 3 teams tie for first, each school would receive a normalized score of  $49 = [(48+49+50)/3]$

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