

SPACE CADETTE

Description: Identify celestial objects and answer questions about astronomical facts and concepts.

Number of Participants: 2

Competition:

1. The team should be able to demonstrate knowledge about these stars and constellations:

- | | | |
|----------------------------------|----------------------------------|--------------------------------|
| <input type="radio"/> Sun | <input type="radio"/> Ursa Minor | <input type="radio"/> Cancer |
| <input type="radio"/> Aquarius | <input type="radio"/> Leo | <input type="radio"/> Virgo |
| <input type="radio"/> Aquila | <input type="radio"/> Crux | <input type="radio"/> Libra |
| <input type="radio"/> Aries | <input type="radio"/> Pegasus | <input type="radio"/> Scorpius |
| <input type="radio"/> Orion | <input type="radio"/> Taurus | <input type="radio"/> Draco |
| <input type="radio"/> Ursa Major | <input type="radio"/> Gemini | |

2. The team should be familiar with the planets including main facts about them:

- | | | |
|-------------------------------|-------------------------------|-------------------------------|
| <input type="radio"/> Mercury | <input type="radio"/> Mars | <input type="radio"/> Uranus |
| <input type="radio"/> Venus | <input type="radio"/> Jupiter | <input type="radio"/> Neptune |
| <input type="radio"/> Earth | <input type="radio"/> Saturn | <input type="radio"/> Pluto |

3. The team should be familiar with eclipses. Some terms and concepts may include: lunar eclipse, solar eclipse, syzygy, refraction, reflection.

4. Teams will take a multiple choice test with a few short answer questions on stars, planets and eclipses.

5. Teams may be shown photographs, diagrams and asked to identify indicated stars, constellations, and planets.

Scoring: Teams with the most points will be ranked highest.

Tie Breaker: Judge will pre-determine tie-breaker questions