

# 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