

Rendezvous with a Comet Navigation (NAV)

Navigation and guidance systems are the primary responsibilities of the NAV team.

Standards	Space Station Systems and CLC Teams
<p>National Science Education Standard: <i>Most objects in the solar system are in regular and predictable motion. Those motions explain such phenomena as the day, the year, phases of the moon, and eclipses.</i></p> <p>Mass Curriculum Framework: <i>Compare and contrast properties and conditions of objects in the solar system (i.e., sun, planets, and moons) to those on earth (i.e., gravitational force, distance from sun, speed, movement, temperature, and atmospheric conditions).</i></p>	<p>Guidance systems – movement toward a destination; orientation; safety</p>
	<p>During the CLC mission, students will apply what they have learned in the classroom to:</p> <ul style="list-style-type: none"> ○ Track the position of the space station. ○ Locate and identify objects in starfields. ○ Orient the space station by triangulation. ○ Launch long-range sensors. ○ Determine coordinates for the probe launch. (Work in conjunction with the PROBE team.)