



INSTRUCTOR'S GUIDE

# NASA Space Communications and Navigation

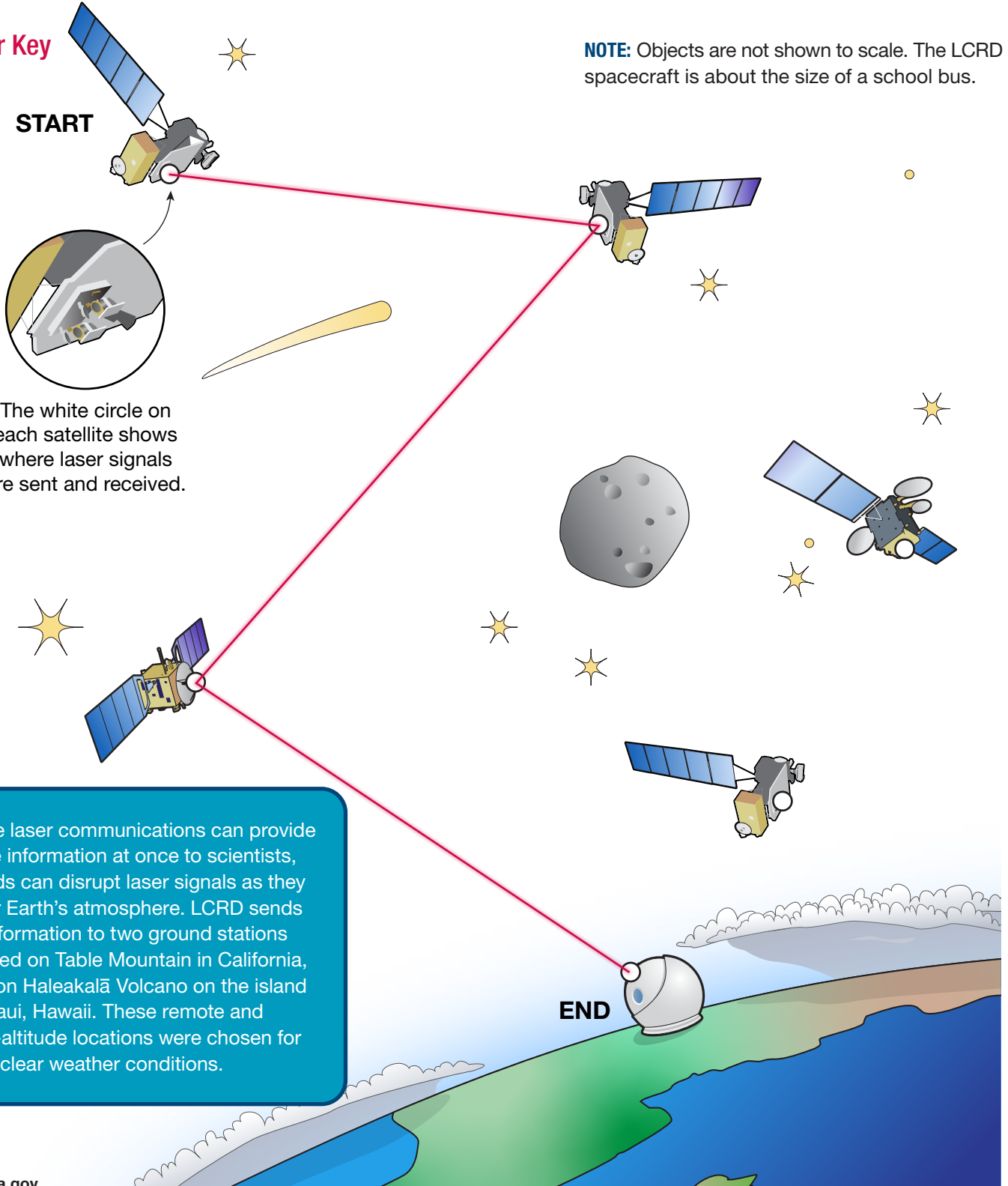
## Laser Links

GRADES K-3

### Answer Key

**NOTE:** Objects are not shown to scale. The LCRD spacecraft is about the size of a school bus.

START



The white circle on each satellite shows where laser signals are sent and received.

While laser communications can provide more information at once to scientists, clouds can disrupt laser signals as they enter Earth's atmosphere. LCRD sends its information to two ground stations located on Table Mountain in California, and on Haleakalā Volcano on the island of Maui, Hawaii. These remote and high-altitude locations were chosen for their clear weather conditions.