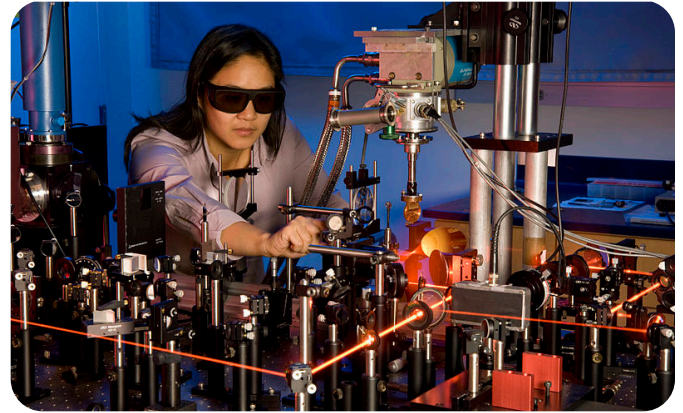


Laser Scientist

Laser scientists study how lasers work. They design machines that use lasers, like grocery store scanners, computers, and doctors' tools.

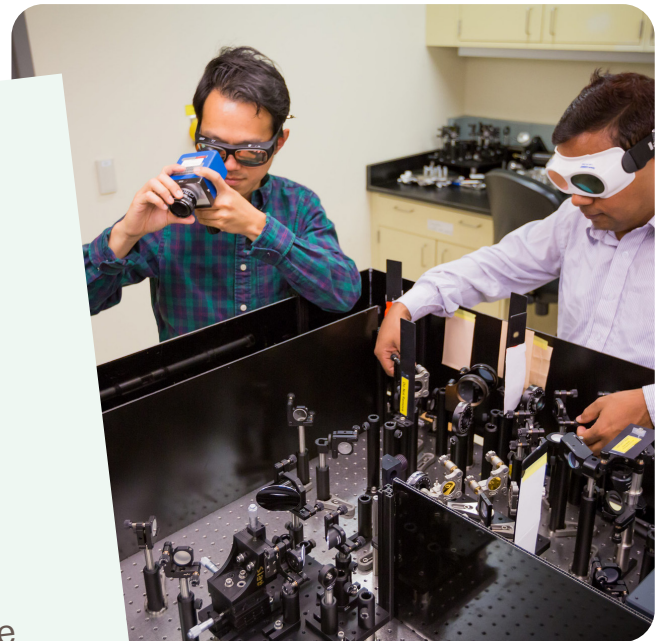
They use physics to understand how to make light energy and move it from place to place.

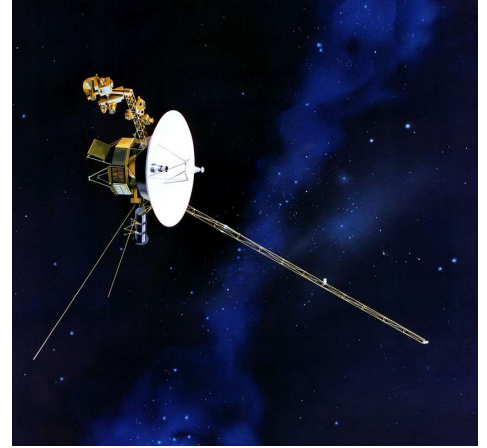
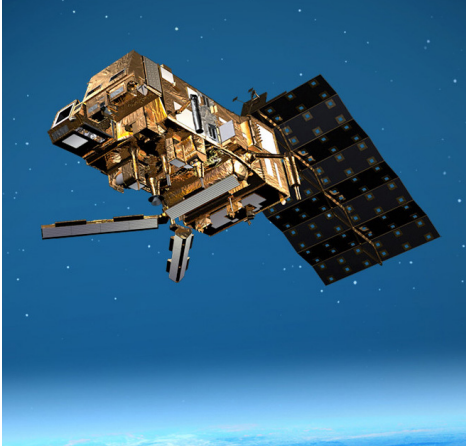


Your Project

Help the laser signal from a space probe reach its receiving station on Earth.

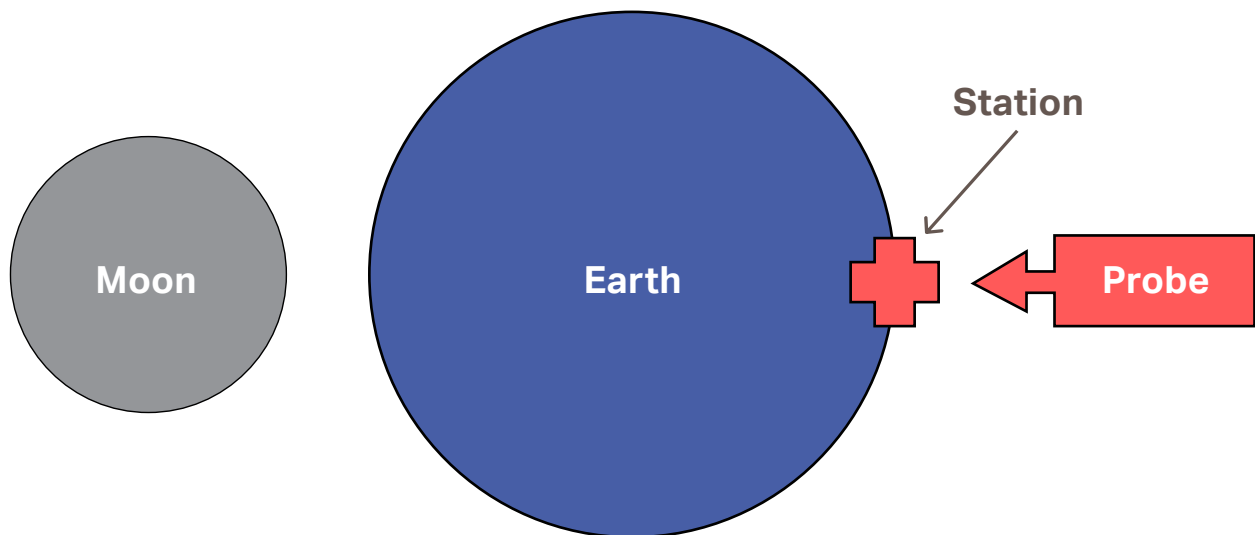
Use a model to plan the best places for the relay satellites that will help bounce the signal to the station.





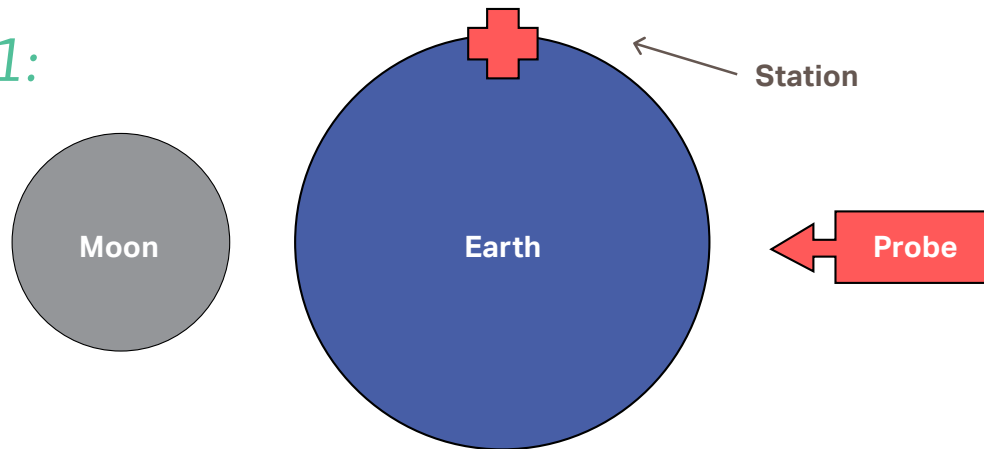
Set up your model

Set up your system like this drawing. Turn the Earth until the probe's laser beam hits the station marker.

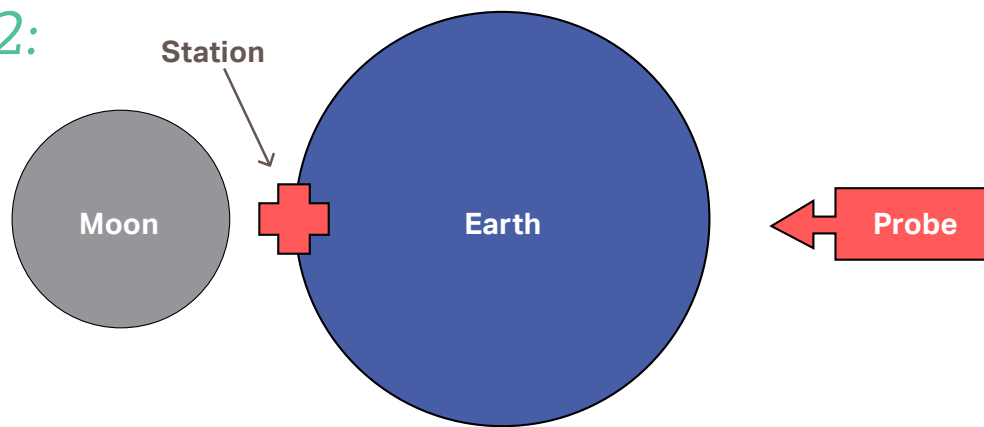


Set up your system like the drawing. Add mirror satellites to your system to help the laser beam reach the station. Mark the best places for satellites on the drawing.

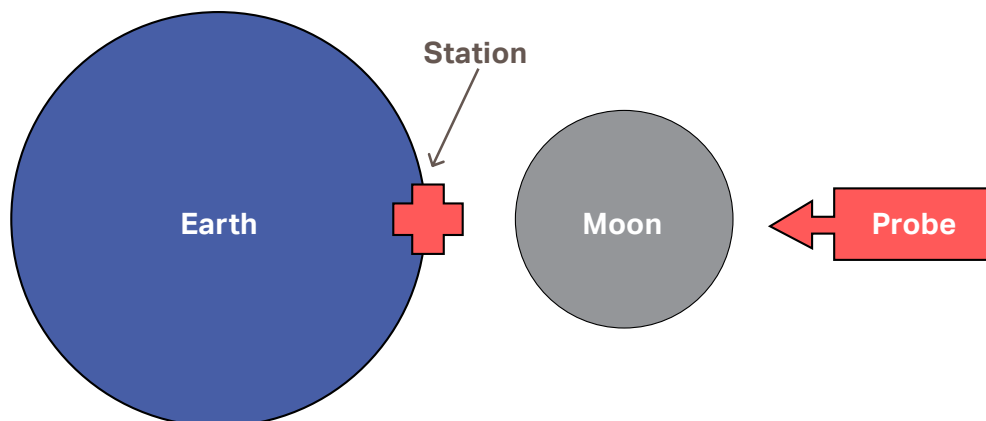
Test 1:



Test 2:



Test 3:



Notes



Reflect

How were you like a laser scientist? What skills did you practice?



PLACE
STICKER
HERE