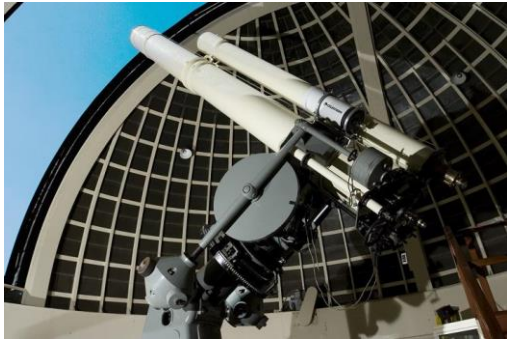
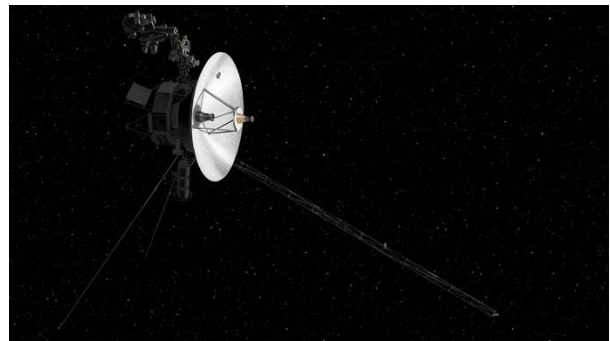


SPACE TECHNOLOGY

Outer space has **no air**, and it's **very large**, so it's very hard for people to travel there and explore it themselves. Most of what we know about outer space comes from different kinds of **technology**. **Telescopes** help us see very distant objects in space, and **space probes** (spacecrafts with nobody inside) are sent out to different parts of outer space to send back information about far-away objects!



Telescope at the Griffith Park Observatory in Los Angeles



Voyager 1 Space Probe—now 13.5 billion miles away from Earth!

Since it's so difficult for people to travel to outer space, scientists spend a lot of time developing and testing different spacecraft technologies. When scientists first began researching how to send people to outer space, they had to consider how to design everything from the rockets taking off from Earth to the spacesuits the astronauts would wear!

Apollo 11

In July 1969, **NASA (National Aeronautics and Space Administration)** launched a spacecraft called **Apollo 11** with a goal of **landing on the moon**. Two **astronauts** named **Neil Armstrong** and **Edwin "Buzz" Aldrin** were on board, and they got to be the **first two people to ever set foot on the moon!** July 2019 marked the 50th anniversary of the first moon landing!

