

Deep Space Discovery

SATURN

AND OTHER OUTER PLANETS

GAIL TERP



**BLACK
RABBIT
BOOKS**



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Spectacular **SPACE**

The spacecraft *Cassini* circles Saturn.
It sends amazing pictures back to Earth.
Swirling gases cover Saturn's surface.
Its huge rings spread out wide.





The Planets

People have studied Saturn and other planets since **ancient** times. They could tell the planets weren't stars. They moved across the sky differently than stars.

Planets are huge bodies that **orbit** stars. Saturn and seven other planets orbit the sun. The sun's **gravity** holds them in their paths. They make up the solar system.

Some of Saturn's rings extend 175,000 miles (281,635 kilometers) from the planet.

Gas Giants

The four planets closest to the sun are the inner planets. Earth is one of them. The four planets farthest from the sun are the outer planets. They're made mostly of gas. These planets are big. People call them the gas giants. They are Jupiter, Saturn, Uranus, and Neptune.

From 1930 to 2006, there were nine planets. In 2006, scientists relabeled the ninth planet, Pluto, a dwarf planet.

