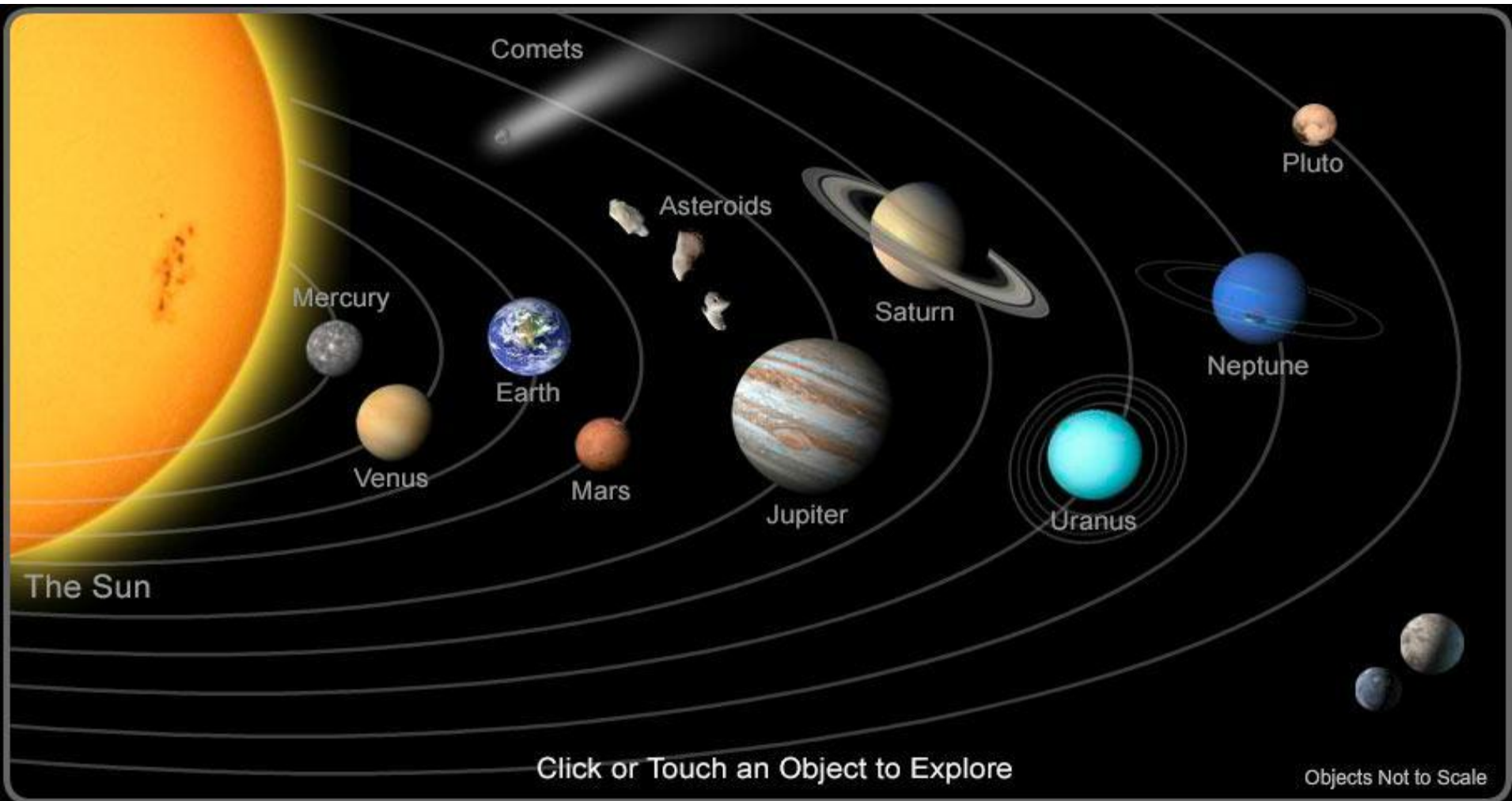
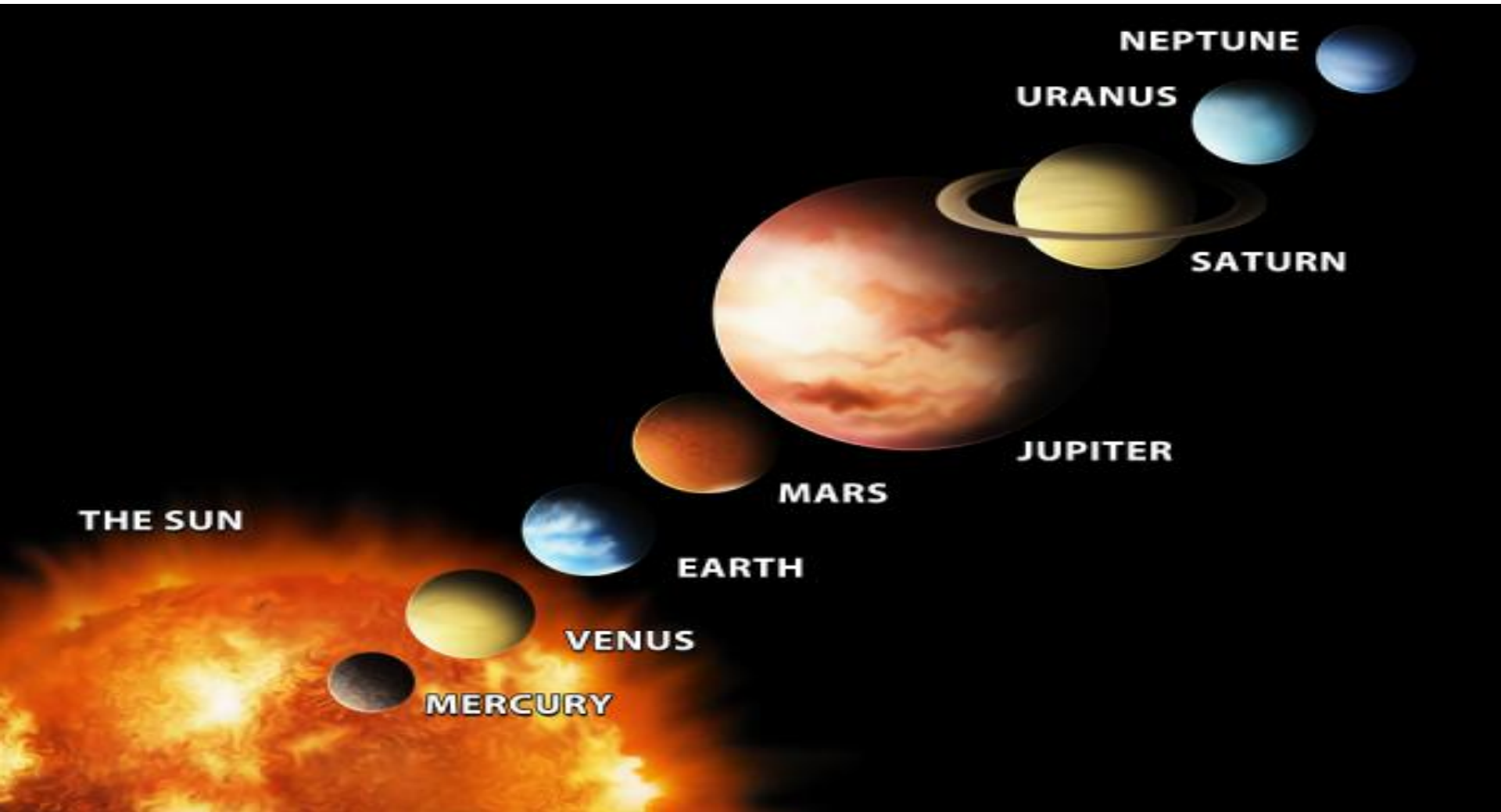


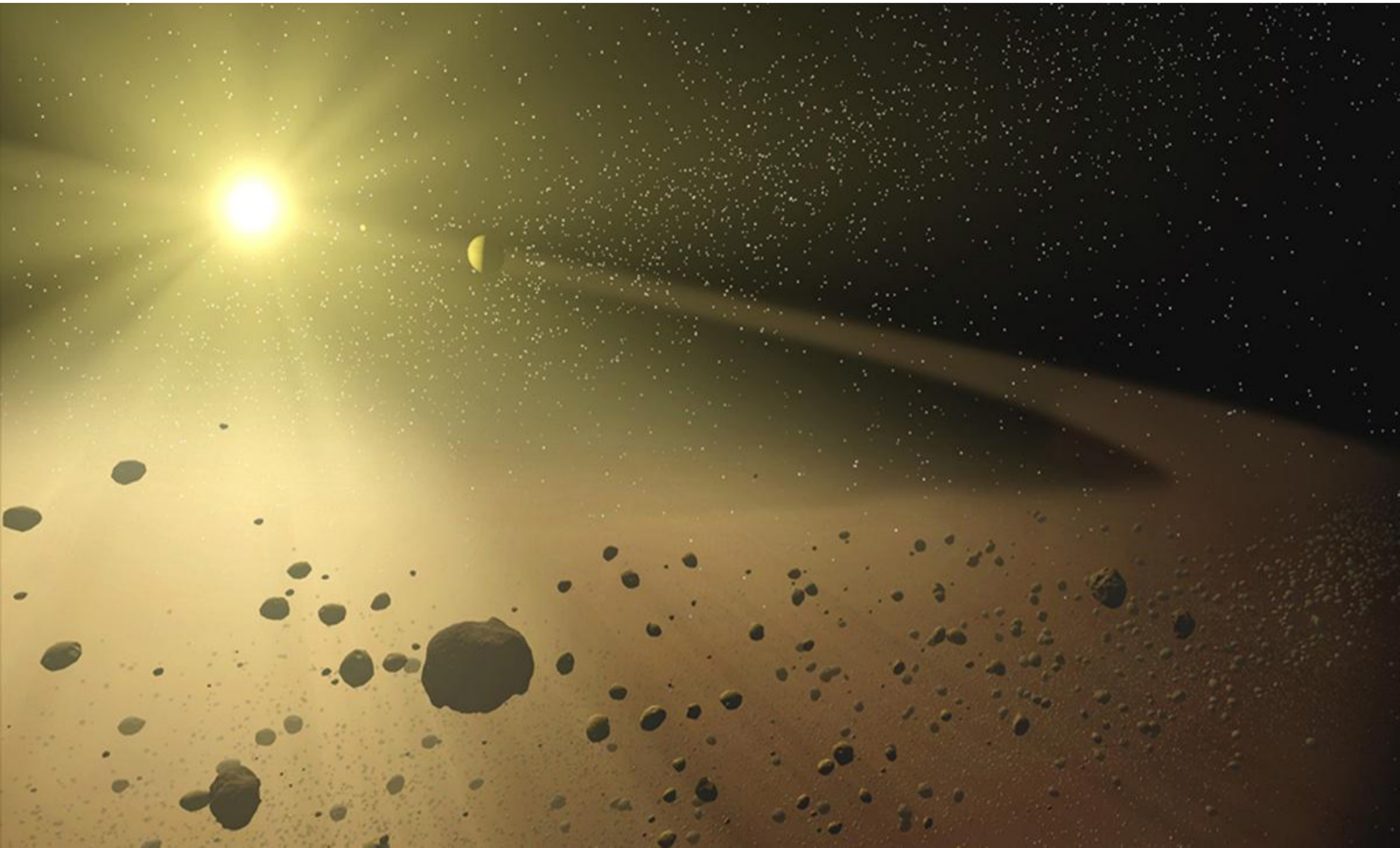
# The solar system



# The sun is in the centre of the Solar System.

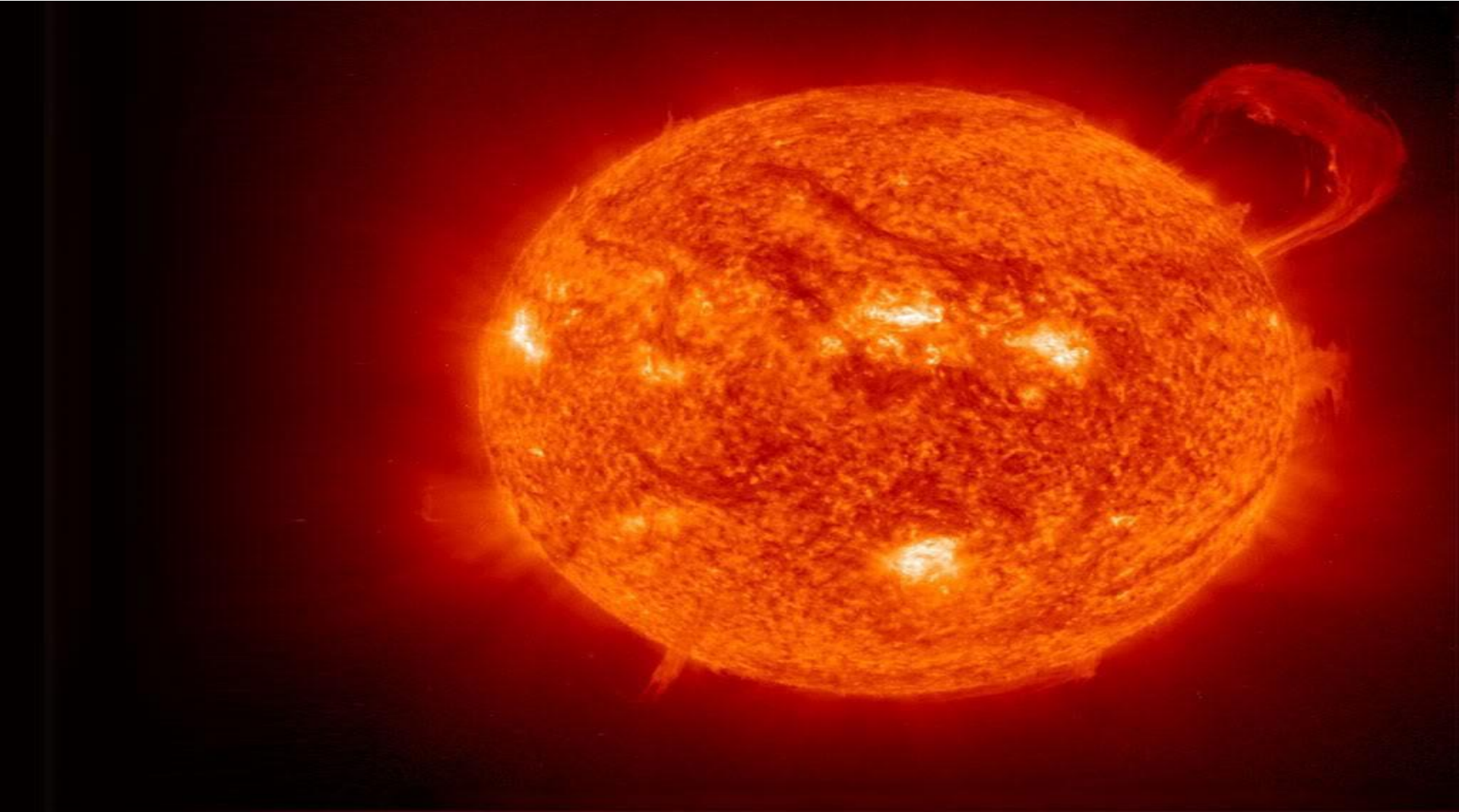


# The sun is a star.





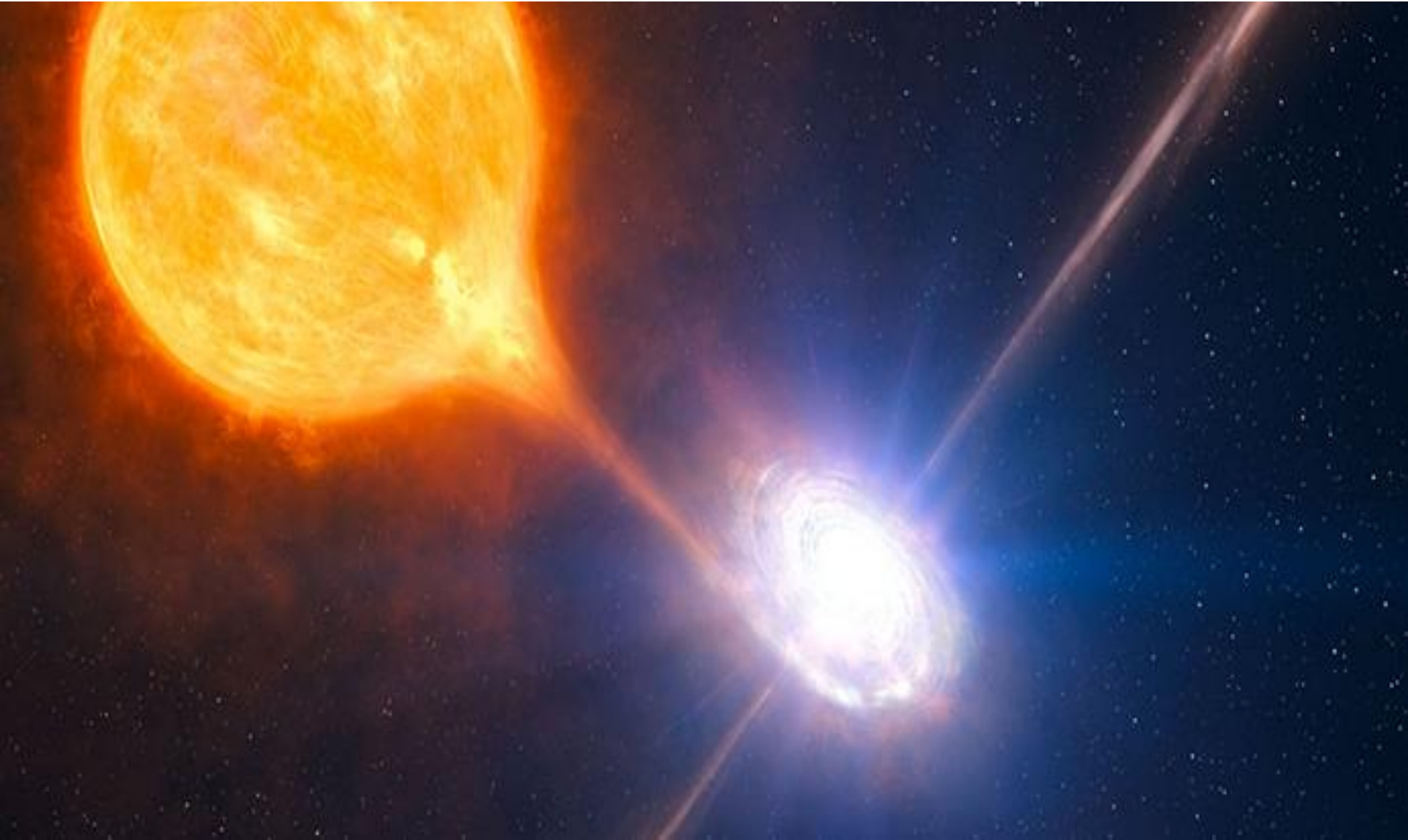
**It is the ball of hot gases.**



**It is the nearest star to  
the Earth.**



**The sun gives light and heat.**





**Without the sun there  
would be no life on the  
Earth.**

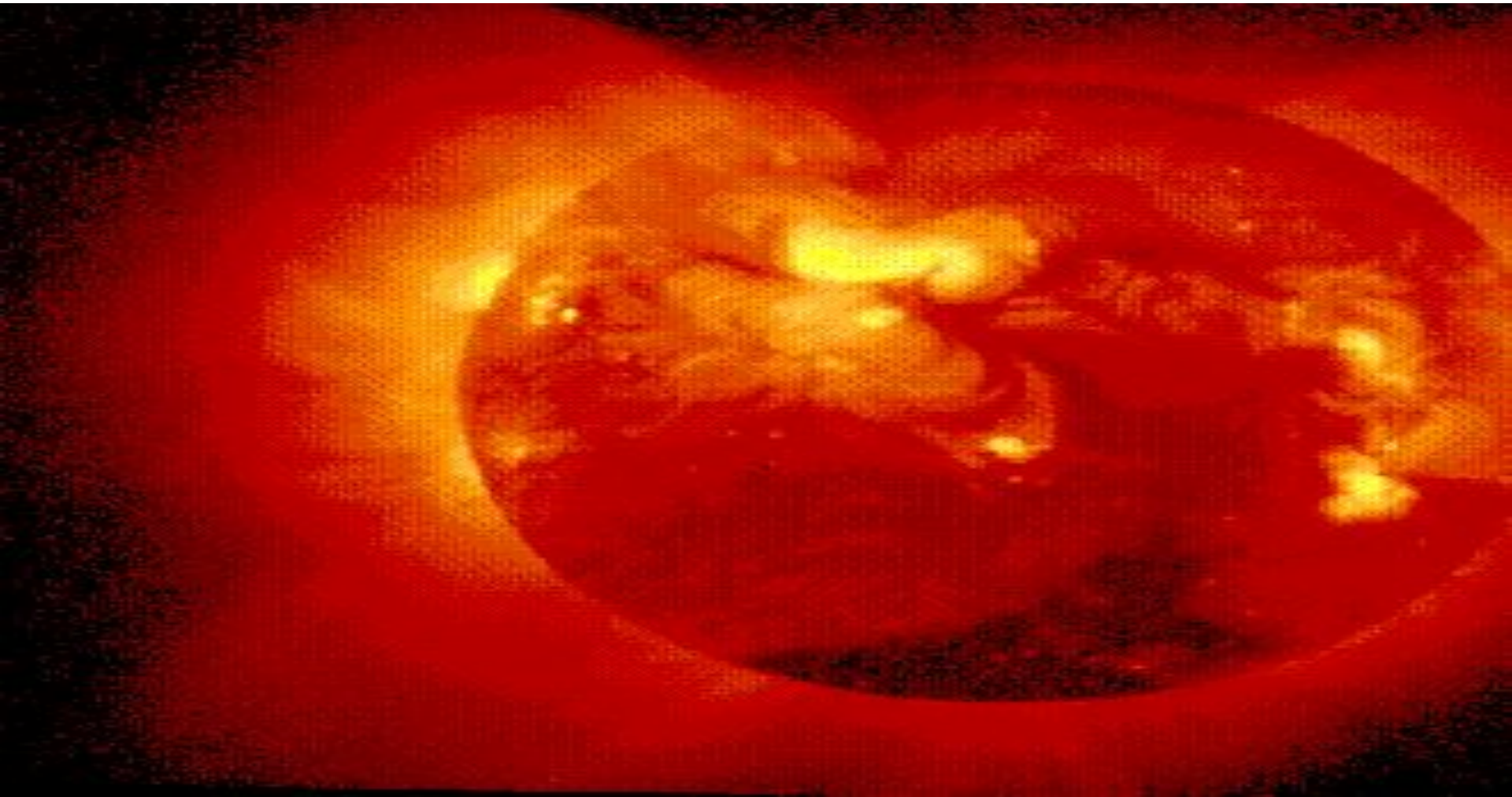


# The Sun rotates like a ball.

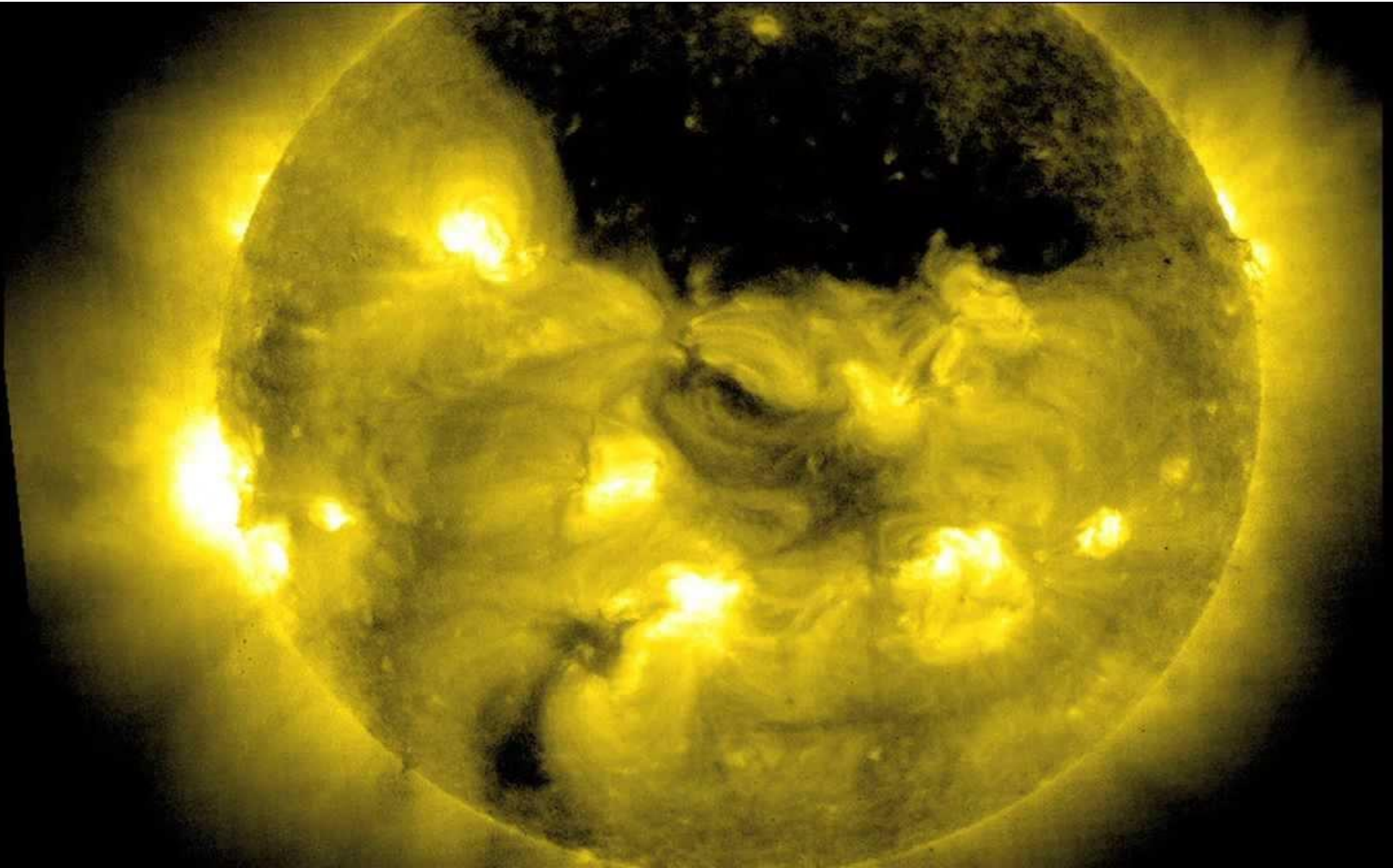




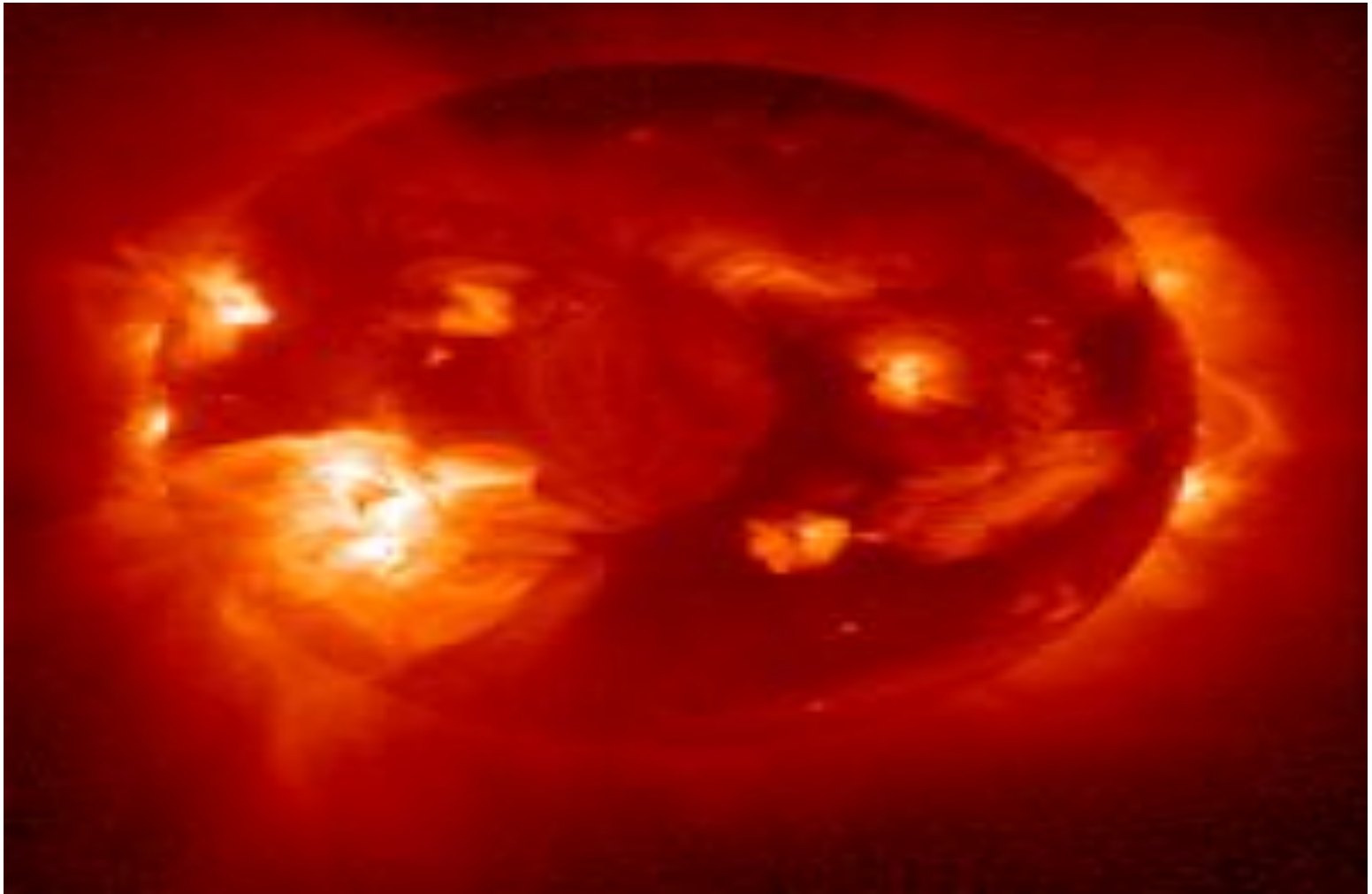
**It goes around every 4  
weeks.**



**There are dark spots on the  
sun.**

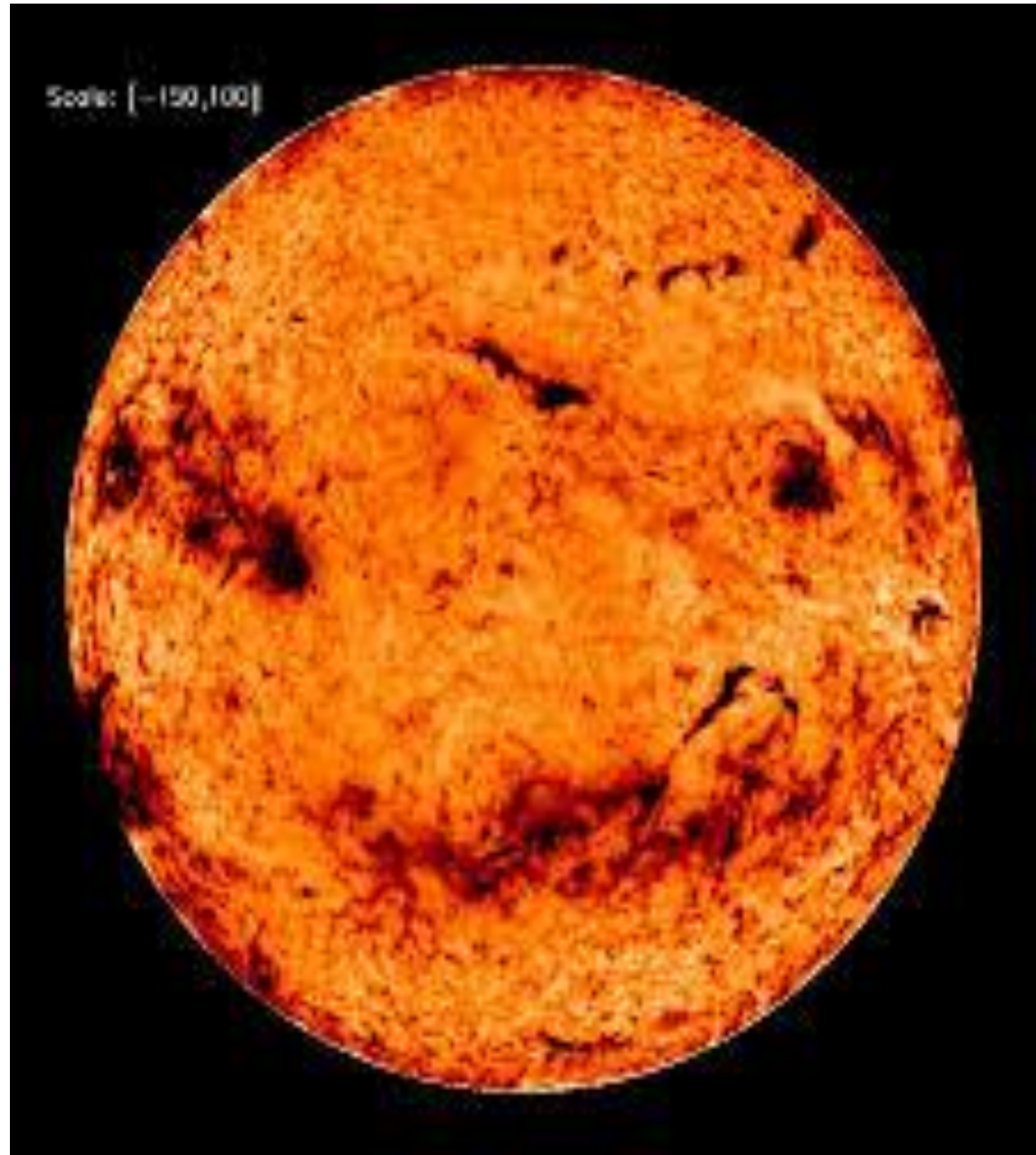


**These spots are cooler than the rest places on the sun.**

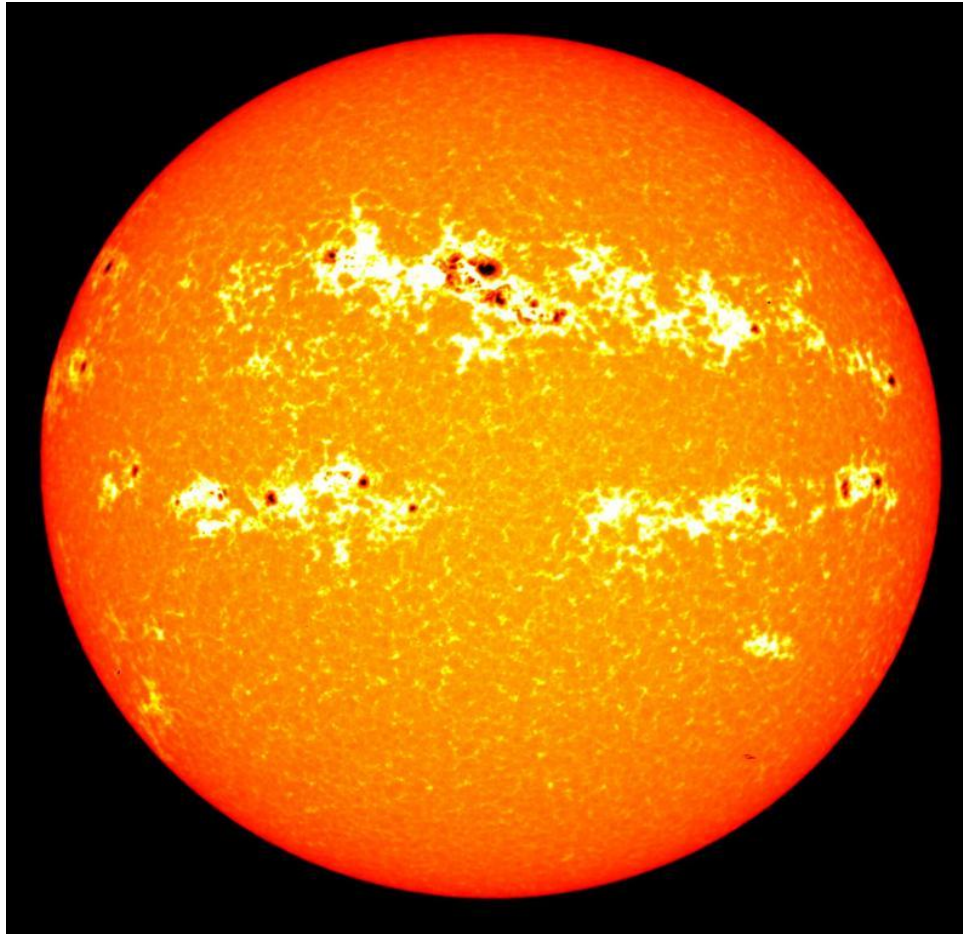




**For 6  
years the  
number  
of  
sunspots  
increases.**



**For the next 5 years the  
number of sunspots decreases.**



# The moon is a member of the Solar System.





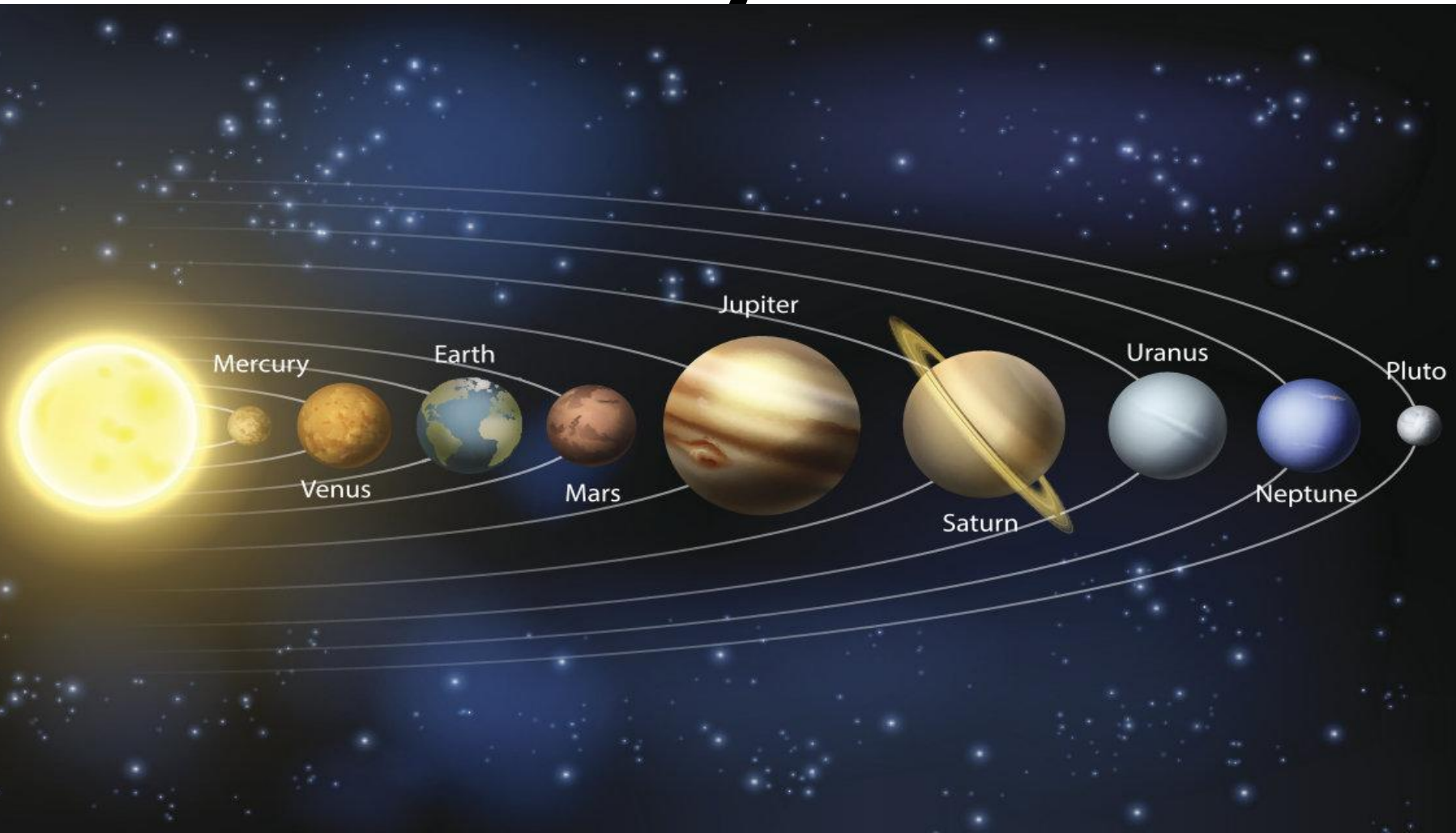
**The moon is the closest  
heavenly body to the Earth.**



**The moon is about 6,000 to  
10,000 years old.**

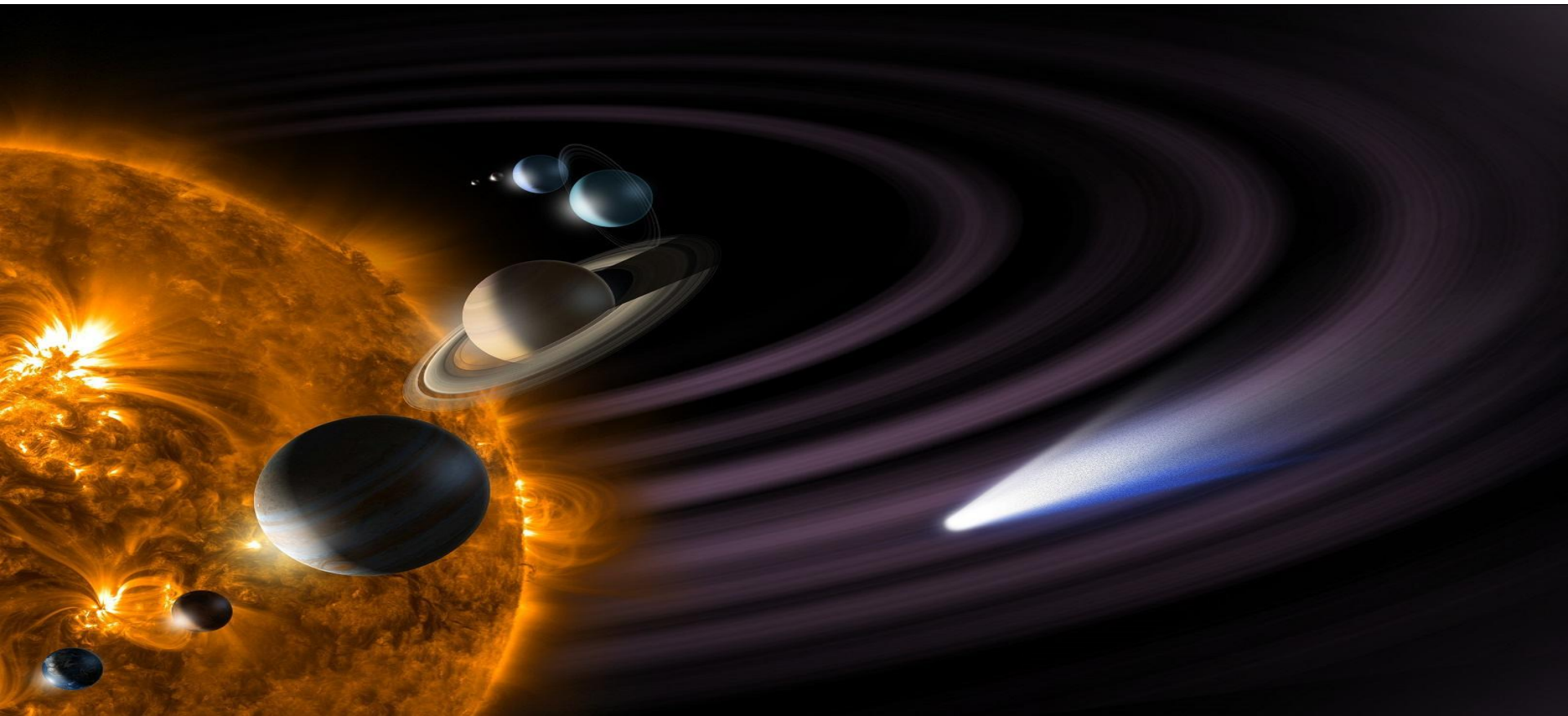


# There are 8 planets in the Solar System.

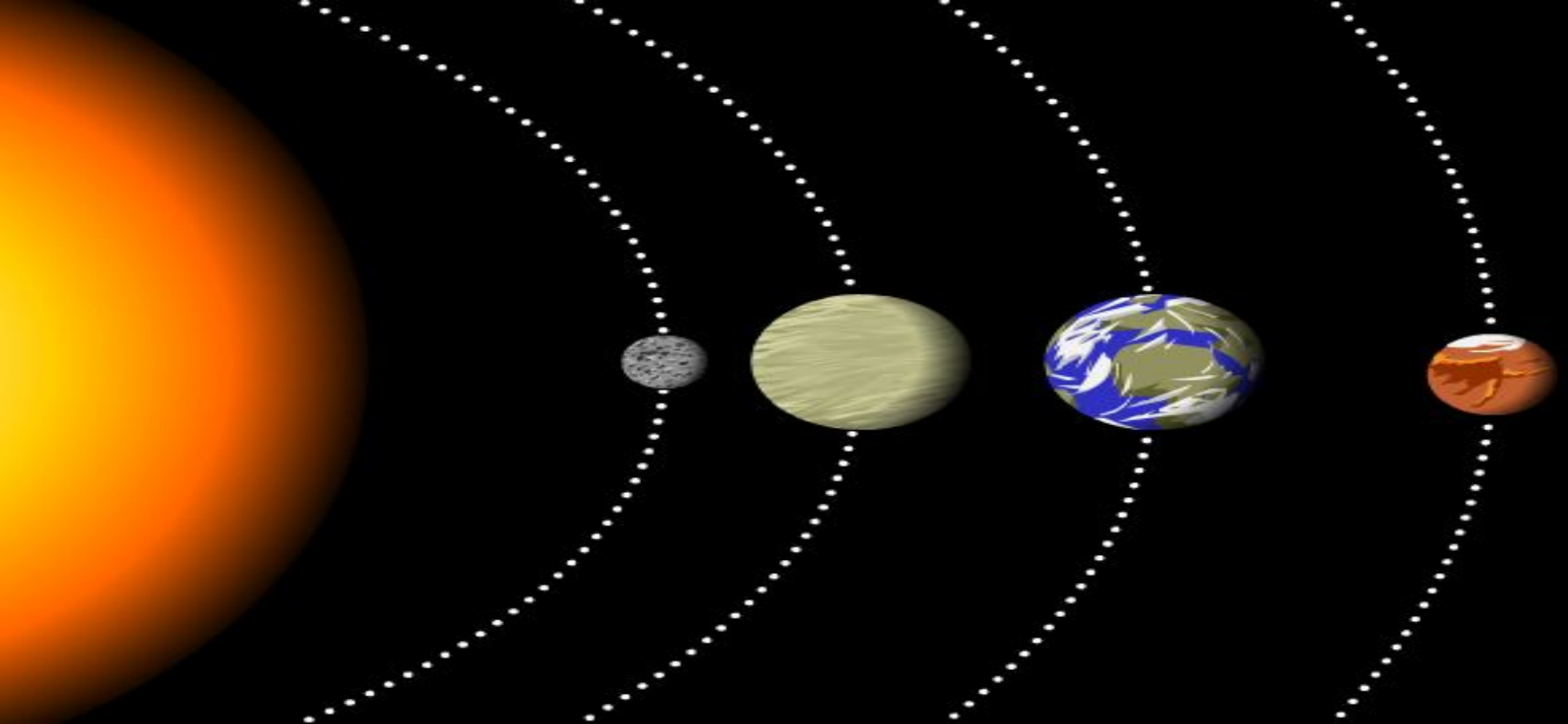




**Each planet revolves, or  
travels in its orbit around  
the sun.**



**The sun's gravity pulls on the planets and keeps them from flying out in space.**



**4 planets that are closer to the sun revolve more rapidly.**

## The inner Solar System

