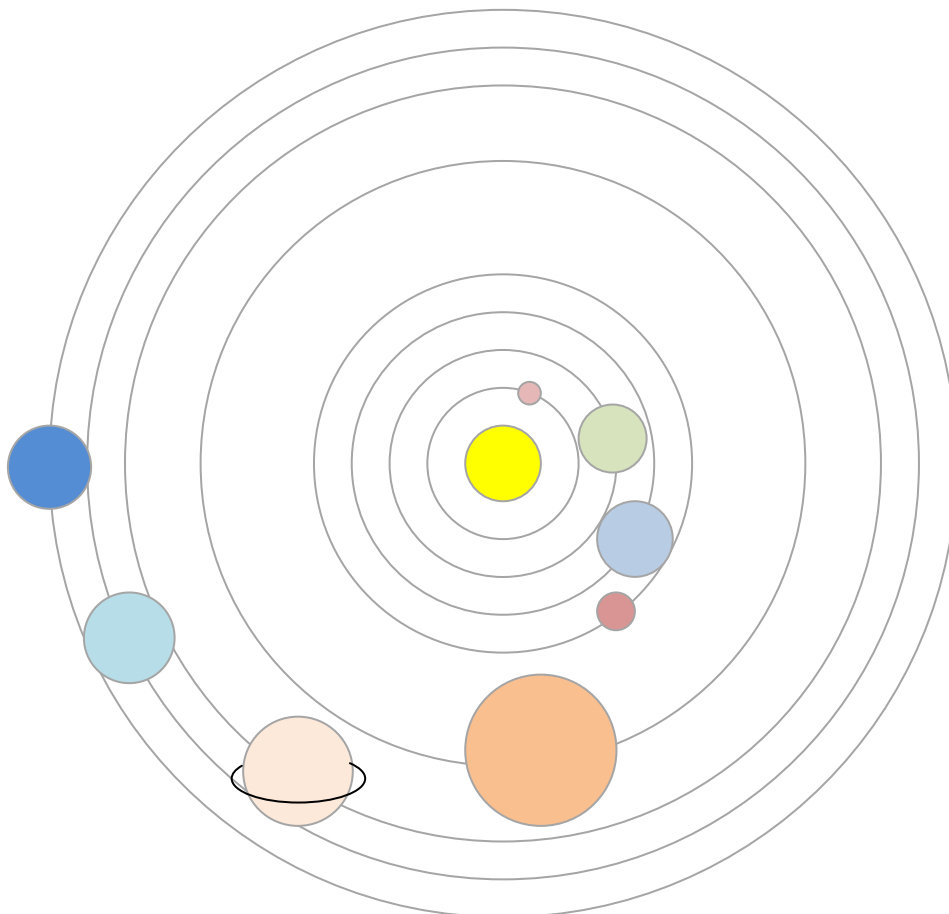


PLANETARY SYSTEM WORKSHEET

PLANETARY SYSTEM

Star System:	The Solar System
Galaxy:	The Milky Way
Galaxy type:	Spiral,
No. of Planets:	8 plus a load of really small ones
Star(s):	The Sun
Star type(s):	G-type main-sequence star (G2V/yellow dwarf)
Size:	(circ.) 4.379×10^6 km; (vol.) 6.09×10^{12} km ³ ; (mass) $(1.98855 \pm 0.00025) \times 10^{30}$ kg;
Temperature:	1.57×10^7 K
Luminosity:	3.846×10^{26} W
Gravity:	274.0 m/s ²
Age:	≈4.6 billion years
Composition:	Hydrogen – 73.46%; Helium – 24.85%; Others – 1.69%
Other features:	

Not to scale:



PLANETARY SYSTEM WORKSHEET

PLANETS

Planet name:	Uranus ♃♅
Type:	Ice giant
Orbital period (year):	84.016846 earth years; 42,718 Uranian solar days
Rotation period (day):	17 hours 14 minutes 24 seconds
Axial tilt:	97.77°
Distance from star:	4,459,504,400 – 4,537,580,900 km
Moons:	27 including Miranda, Ariel, Umbriel, Titania, and Oberon
Rings:	13, dark, faint rings
Atmosphere:	83% hydrogen, 15% helium, 2% methane
Size:	radius: 25559±4 km; surface: 8.1156×10 ⁹ km ²
Gravity:	8.69 m/s ² ; 0.886 g
Temperature range:	avg. -197.2 °C; min. -224.2 °C
Other features:	Discovered in 1781 (Mar 13) by William Herschel.

