Classroom Scale
Solar System Planet Walk
MilliNanoScale or PicoScale = 1 to 1 trillion (10^{12})
(1 millimeter = 1 million kilometers)

Solar System Object (number of Moons as of 03 / 2010)	Average Distance from the Sun in millimeters (to scale)	Average Distance from the Sun in Millions of Kilometers (10^6)
Sun	0	0
Mercury (0)	58 (5.8 cm)	58
Venus (0)	108 (10.8 cm)	108
Earth (1)	150 (15.0 cm)	150
Near Earth Objects	10.5 cm to 19.5 cm	105 to 195
Mars (2)	228 (22.8 cm)	228
Asteroid Belt {inner/outer}	33 cm to 55 cm	330 to 550
1 Ceres (0) {Dwarf Planet}	415 (41.5 cm)	415
Jupiter (63)	779 (77.9 cm)	779
Saturn (61 confirmed secure orbits**)***	1,433 (1.433 m)	1,433
Uranus (27)	2,877 (2.877 m)	2,877
Neptune (13)	4,503 (4.503 m)	4,503
Kuiper Belt {Trans-Neptunian Objects}	4.5 m to 8.3 m	4,500 to 8,300
134340 Pluto (3) {Dwarf Planet / Plutoid}	4.437 m to 7.356 m (5.906 m)	4,437 to 7,356 (5,906)
136199 Eris / 2003 UB_{313} / (Xena) (1) {Dwarf Planet / Plutoid}	5.7 m to 14.55 m (10.12 m)	5,700 to 14,550 (10,120)
Oort Cloud	8.3 m to 15 km	8,300 to 15,000,000
90377 Sedna / 2003 VB_{12} (0)	13.5 m to 139.2 m	13,500 to 139,200
Proxima Centauri {Closest Star to Sun}	40,000,000 (40 km)	40,000,000

* ~ 200 moonlets within ring system observed

 robert@smartcenter.org