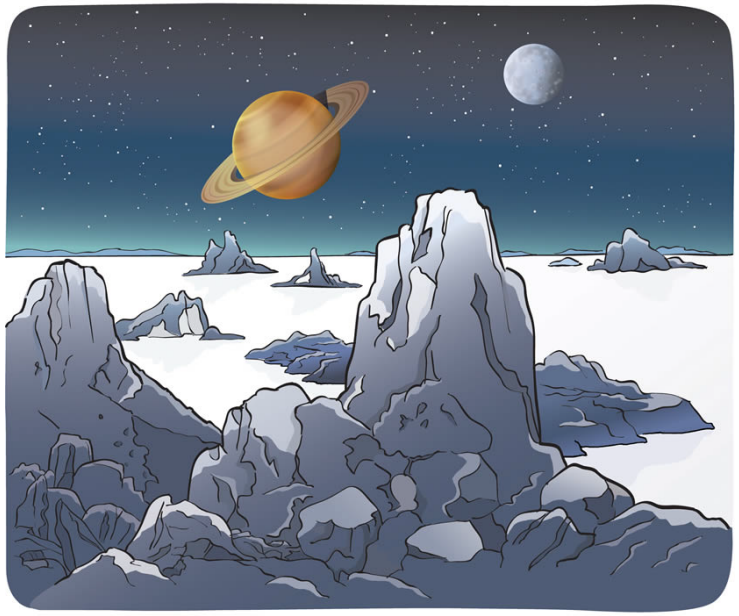
Orbit Time (in days)	25	50	75	100	125	150	175	200	225	250	275	300	325	350	375	400	425	450	475	500	525	550	575	600
Distance from Star (in AU)	0.17	0.27	0.35	0.42	0.49	0.55	0.61	0.67	0.72	0.78	0.83	0.88	0.93	0.97	1.02	1.06	1.11	1.15	1.19	1.23	1.27	1.31	1.35	1.39

Brightness Change (i%)	0.01	0.02	0.03	0.04	0.05	0.06	0.07	0.08	0.09	0.10	0.11	0.12	0.13	0.14	0.15	0.20	0.30	0.40	0.50	0.60	0.70	0.80	0.90	1.00
Planet Size (in Earth-radii)	1.0	1.4	1.7	2.0	2.2	2.4	2.6	2.8	3.0	3.2	3.3	3.5	3.6	3.7	3.9	4.5	5.5	6.3	7.1	7.7	8.4	8.9	9.5	10.0

1 AU = average distance from Earth to the Sun
For a Sun-like star, the Habitable Zone is 0.95-1.37 AU.

Are any of the planets nearly Earth-size and in the habitable zone of its star (near 1 AU)? Which one(s)? _____



Hypothetical Icy Planet.
Artwork by Susan Stanley

Links for more information:

Kepler Mission Home Page:
http://kepler.nasa.gov/

Kepler Star Wheel:
http://kepler.nasa.gov/ed/starwheel/

Make a LEGO® Orrery:
http://kepler.nasa.gov/ed/sim/lego.html

PlanetQuest: Exoplanet Exploration
http://planetquest.jpl.nasa.gov/

California & Carnegie Planet Search
http://exoplanets.org/

The Extrasolar Planets Encyclopaedia
http://exoplanet.eu/

Top 10 Most Intriguing Extrasolar Planets
http://www.space.com/scienceastronomy/extrasolar_planets.html