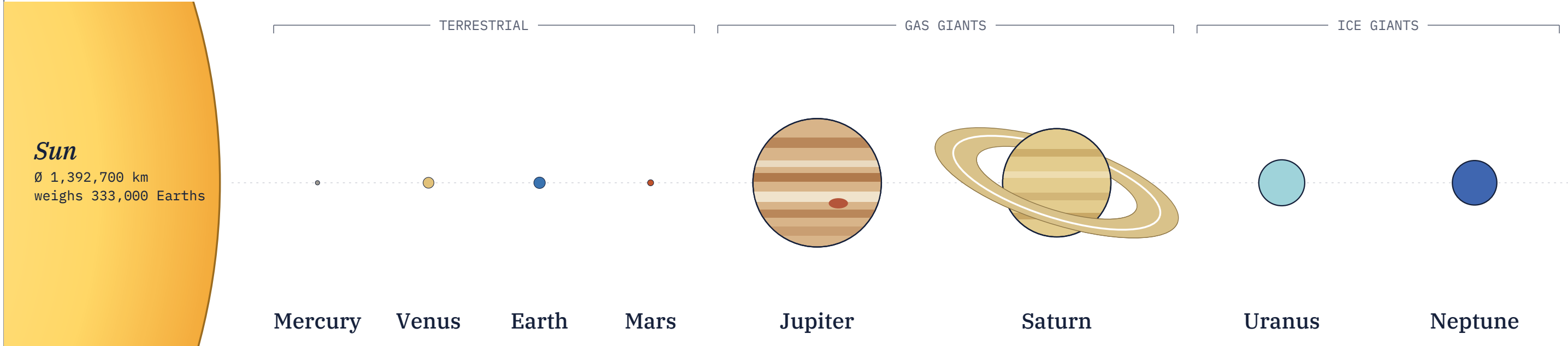
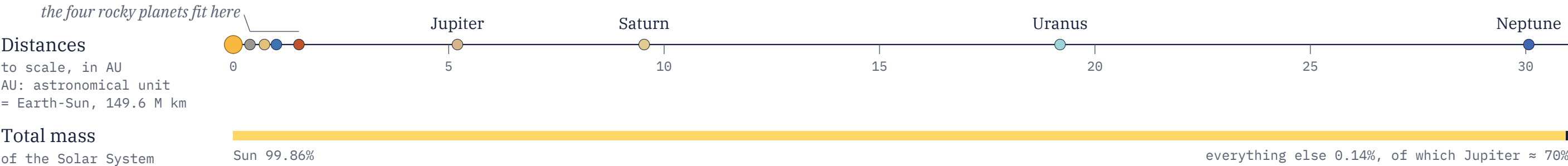


Systema *solare*

THE SUN AND ITS EIGHT PLANETS · SIZES TO SCALE: 1 MM ON PAPER ≈ 4,600 KM



	Mercury	Venus	Earth	Mars	Jupiter	Saturn	Uranus	Neptune
Diameter km	4,879	12,104	12,756	6,792	142,984	120,536	51,118	49,528
Mass Earth = 1	0.055	0.815	1	0.107	318	95.2	14.5	17.1
Gravity Earth = 1	0.38	0.91	1	0.38	2.53	1.07	0.89	1.14
Distance from Sun AU	0.39	0.72	1	1.52	5.20	9.54	19.2	30.1
Year one orbit	88 d	225 d	365.25 d	687 d	11.9 yr	29.4 yr	84.0 yr	165 yr
Sidereal day one spin	58.6 d	-243 d	23h 56m	24h 37m	9h 56m	10h 33m	-17h 14m	16h 06m
Solar day sunrise to sunrise	176 d	117 d	24h	24h 40m	9h 56m	10h 33m	17h 14m	16h 06m
Temperature °C mean	167	464	15	-65	-110	-140	-195	-200
Known moons 2026	0	0	1	2	101	285	29	16



Negative sidereal day: spins the opposite way to the other planets · Giants' gravity: at the cloud tops · Free spacing above, true distances on the scale line. 0.N°4