

Science Solar System 4.7 - Comparing Sun, Moon, and Earth

Name _____

	Size and age	Surface features	Characteristics
Sun	<ul style="list-style-type: none"> - average-sized star - 110 times larger than the diameter of the Earth - 4.6 billion years old 	<ul style="list-style-type: none"> - large glob of hot gas with surface temperature of 10,000 degrees F 	<ul style="list-style-type: none"> - Made mostly of hydrogen - Stay shining for about 4 billion years
Earth	<ul style="list-style-type: none"> - 93 million miles from sun (150 km) - 4.6 billion years old 	<ul style="list-style-type: none"> - 2/3 or 70 percent of Earth is water - Earth has large amounts of life supporting water/oxygen unlike other 4 rocky planets - Surface is constantly changing 	<ul style="list-style-type: none"> - Third planet from sun - One of 4 rocky planets - Oxygen-rich atmosphere protects us from sun's damaging rays - tilted on axis 23 degrees
Moon	<ul style="list-style-type: none"> - about 1/4 the diameter of Earth - 4.6 billion years old 	<ul style="list-style-type: none"> - large craters - rocky with dust - no water, wind, clouds, weather or life - no atmosphere or oxygen - hot during days; freezing at night 	<ul style="list-style-type: none"> - satellite of Earth - has a cycle of 27-29 days orbiting around Earth - distance from moon to Earth is 240,000 miles