

Voyage Solar System Walkway

Come Explore our Solar System as you stroll along the 2,000-foot-long Voyage Solar System Walkway in Broken Arrow Oklahoma.

The walkway runs along the sidewalk in front of Creekwood Elementary School in Broken Arrow. Creekwood is located at [1301 E Albany St \(61st St \)](#) about a mile east of Bass Pro.

The Voyage Walkway is a 1 to Ten Billionths scale model of the Solar System. Both the distance between each planet stanchion and the size of the planets are represented on the same scale.

The entire walkway is ADA accessible with planet information plaques at an easily accessible height



Funding and planning for this Solar System walkway model was made possible by the efforts of a group of retired and present educators and community leaders. The Broken Arrow school system and the City of Broken Arrow graciously facilitated its installation with both labor and materials.

The inner solar system planets are closely spaced with the Earth located 15 meters (~ 50 ft) from the sun. The average distance from the Earth to Sun – an Astronomical Unit – AU – is used to layout the distances to the other planets. As you move outward to the outer planets the space between each planet increases significantly. Jupiter is 5.2 AU's from the Sun thus its distance is 78 meters (256 ft) away. Saturn is 9.5 AU's – 142.5 m (468 ft) and so forth.



Each planet is represented on an a tall attractive aluminum stanchion with a display plaque containing information about the planet. As you walk along the pathway you not only get a feel for the amazing scale of our solar system but also learn about its individual planets.



On this 1/ 10 billionth scale our Sun is about the size of a small grapefruit.

It is attractively represented by a golden sphere about 5 ½ inches wide

A laser-etched glass cube is used to show the size of each planet compared to the Sun



At each stanchion is a display of interesting information about each planet.

