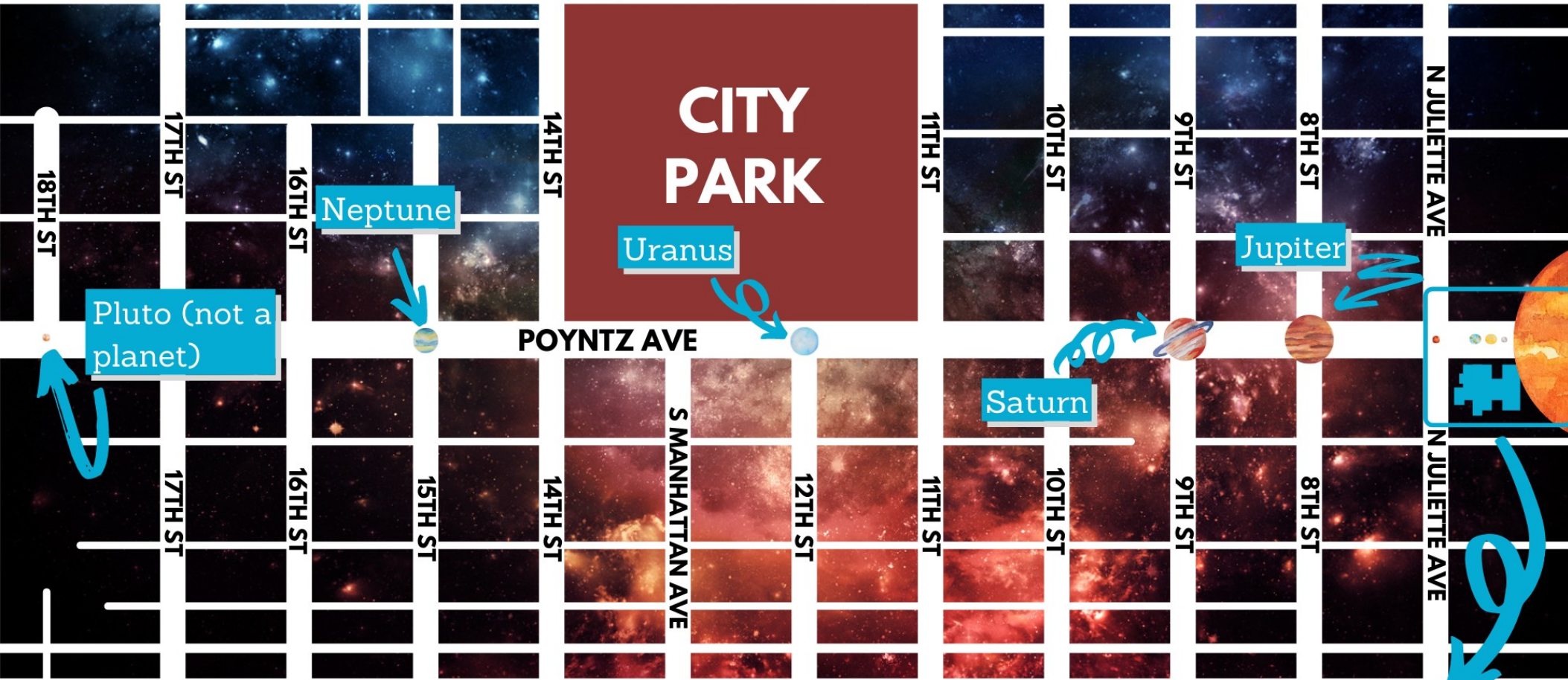


WHAT IF THE SUN WAS 15 INCHES?

Let's go outside and travel our Solar System! Take a walk or a bike ride on this outdoor planetary adventure. The journey will start with the Sun at the Manhattan Public Library and will end 1 mile going west on Poyntz Ave. Use this map to travel to each planet with their approximate but proportional locations.



SOLAR SYSTEM MODEL

	DIAMETER: MODEL (INCHES) VS. ACTUAL (MILES)	DISTANCE FROM SUN: MODEL (FEET) VS. ACTUAL (MILES)
SUN	15in = 865,370 mi	
MERCURY	0.0524in = 3,031.9 mi	52ft = 28.732 million mi
VENUS	0.1304in = 7,520.8 mi	97ft = 67.593 million mi
EARTH	0.1373in = 7,917.5 mi	134ft = 91.532 million mi
MARS	0.0728in = 4,212.3 mi	204ft = 144.27 million mi
JUPITER	1.5408in = 86,881 mi	698ft = 473.16 million mi
SATURN	1.2548in = 72,367 mi	1281ft = 926.27 million mi
URANUS	0.5058in = 31,518 mi	2577ft = 1.8374 billion mi
NEPTUNE	0.4896in = 30,599 mi	4041ft = 2.7812 billion mi
PLUTO	0.024in = 1,476.8 mi	5310ft = 3.7 billion mi

