



Solar System Trails

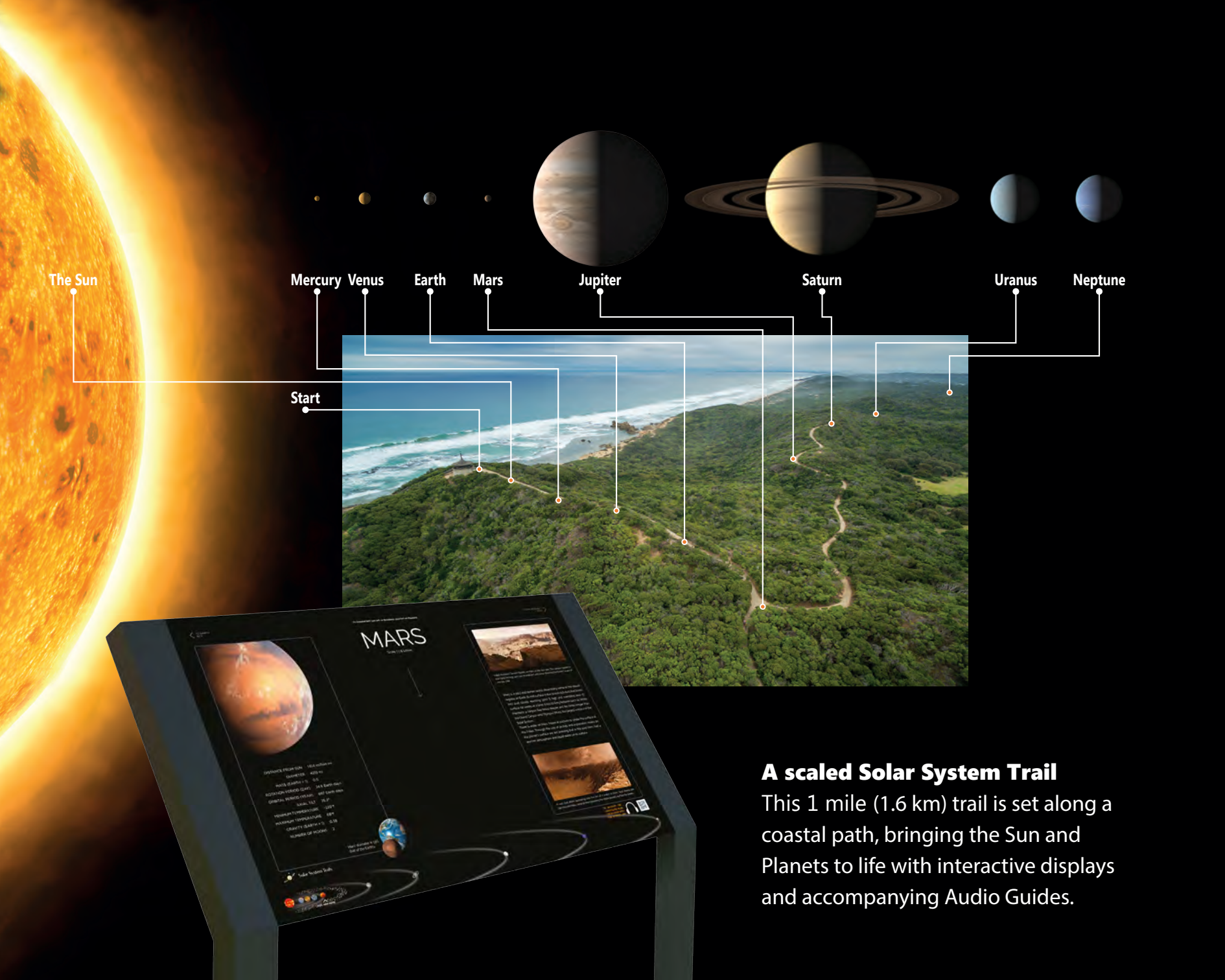
Transforming Walkways
into Solar System Trails



JUPITER

The largest and most massive of the Solar System's planets, has no solid surface to land on. Jupiter is a giant ball of gas rotating at 43,000 mph (69,000 kph). The top layer of clouds creates beautiful bands of swirling shapes and colors. These bands rotate in opposite directions around the planet, powered by constant winds that exceed Category 5 hurricane speed. A prominent area called the Great Red Spot is a storm that has been raging for over 300 years. Thousands of miles deep into the thick atmosphere, the pressure is so intense that hydrogen (the lightest and most abundant substance on the planet) compresses into liquid metal.

10 Hours
265 mi (427 ft)



The Sun

Mercury

Venus

Earth

Mars

Jupiter

Saturn

Uranus

Neptune

Start

MARS



DISTANCE FROM SUN: 142 million km
 DIAMETER: 4200 km
 MASS: 0.107 Earth's
 ROTATION PERIOD: 24.6 hours
 GRAVITY: 0.38 Earth's
 TEMPERATURE: -55°C
 WIND SPEED: 100 km/h
 DENSITY: 2.7 g/cm³
 NUMBER OF MOONS: 2



Solar System Trail

A scaled Solar System Trail

This 1 mile (1.6 km) trail is set along a coastal path, bringing the Sun and Planets to life with interactive displays and accompanying Audio Guides.

The X-Trails Audio Guide

This App is a companion to the Solar System interpretive signs. Visitors to one of our trails can download the free App via a link on the Welcome sign and enjoy the following Audio Guides:

- The Solar System Experience
- Mission to Mars - for ages 4+
- A Voyage to Saturn - for ages 7+
- A Comet's Journey



**Go on a journey across the Solar System.
Experience the Sun and Planets to scale and see the Earth from a new perspective.**



"Our Solar System trail takes up to an hour to complete. We find that this is the best length of time and works for those on school class outings and families. I hear children as young as four calling out the planets to come next, learning without even knowing it, all part of the fun"

G. O'Malley, Birr Castle Science Center Manager



US/Canada 1888-8099888
UK +44 (020) 3885 0204
Ireland +353 87 0515946
E: info@solarsystemtrails.com



Solar System Trails
www.solarsystemtrails.com