

Solar System Explorer

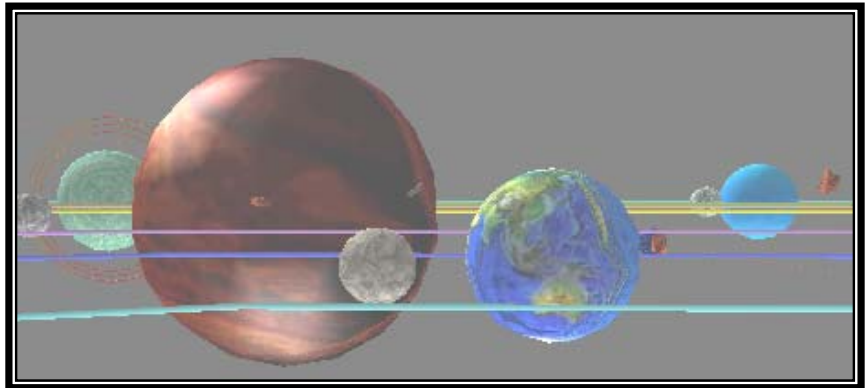
Introduction

Virtual reality is a radical new way for students to experience the universe. The Solar System Explorer brings trillions of square miles into the classroom to help students better comprehend the earth and our neighboring planets.

Description

In the Solar System Explorer, students hurdle through space to discover the mysteries of our solar system from the scorching surface of the sun to the cold netherworld of Pluto.

They experience each planet in larger than life 3-D, and come into contact with all of the wonders of our Solar System.



Program Contents

Students travel through the solar system to understand its structure, age, division, and history. For each planet and moon in the Solar System Explorer, four types of information are given: essential details, its mythology, spacecraft that have visited it, and its date of discovery.

From the Sun, students understand how the solar system is divided starting with the Inner Planets of Mercury, Venus, and Earth. They learn about the random objects of the SS like comets and the Asteroid Belt. Finally, students discover the Outer Planets of Jupiter, Saturn, Uranus, Neptune, and Pluto.

In addition to visiting each planet, students also encounter the prominent moons of the solar system from our familiar terrestrial moon to the unique lunar systems of Jupiter's Moons IO and Europa, Saturn's Titan, and Neptune's Triton. As fitting a journey of discovery, students encounter additional facts scattered around the solar system.

Educational Significance

Virtual reality allows us to do things never before possible in a classroom such as exploring the outer reaches of our solar system. Students are now able to better comprehend distances and the complex interrelationships of bodies. The Solar System Explorer is a journey of discovery that will truly engage and capture the imagination of every student.