



Fernbank Science Center

Title: FANTASTIC VOYGE TO MARS (4431)

Level: Fourth

Location: Local School

Type: Outreach

Length: 60 minutes

Limit: One class/period

Program Description

This program is designed to introduce the student to all aspects of a voyage to Mars, which they will design. In order for them to plan their mission successfully, we will discuss the physical characteristics of Mars, requirements for living in space, preparations for successful missions, and the orbit they will take.

Standards

S4.E2 Obtain, evaluate, and communicate information to model the effects of the position and motion of the Earth and the moon in relation to the sun as observed from the Earth.

S4E1 Obtain, evaluate, and communicate information to compare and contrast the physical attributes of stars and planets.

Vocabulary

Viking

Vallis Marinaris

polar cap

orbit

Olympus Mons

Pre-Visit Activities

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Introduce the subject to be discussed by the Fernbank instructor, and solicit written questions from the students.

Post-Visit Activity

Have your students divide into teams and present their “final” plans for a voyage to Mars. After all, they are the correct age to be on the mission to Mars that is projected in 20years!

Please contact the Fernbank instructor at least one week in advance to coordinate times, content, and equipment.

Resources:

Note:

