

Problem Solving on Earth Workshop

Program Description:

In this workshop, SpacePort's newest, students will work together in teams to solve a "space dilemma". In a hypothetical situation a team of astronauts have landed on titan, one of Saturn's moons. Upon exiting their spacecraft, they discover damage to the outside of the craft.

The students job will be to decide whether or not to send a repair mission out to help the stranded astronauts or to let them take their chances coming home on their own. Students will represent different delegates throughout these debates, such as astronauts, politicians and civilians.

This activity is designed to allow students to see the social aspects of space travel. They will see a short presentation outlining the history of space disasters and problems.

Curricular Links:

Grade 7: Structures and Forces

Learner Outcomes:

SpacePort closely matches its programs to Alberta Learning's Programs of Study for elementary and junior high grades. We are always happy to fax or email a detailed outline of how our programs match Specific Learner Expectations (SLEs) and General Learner Expectations (GLEs) as established by Alberta Learning. Please call or email our Educational Program Director for further information.