

Asteroids 2011-2012

Could asteroids be a source of raw materials for earth in the future?

Choose the best asteroid for a first attempt at mining. Convince NASA that this would be a feasible goal for the future of the space program. Collaborate with the planetarium to create a presentation utilizing *Blender* software to educate the public about the potential of asteroids in terms of exploration for resources. Present April 11 at the planetarium

Element 79 ~ short story by Fred Hoyle
The Little Prince ~ by Antoine de Saint-Exupery

Language Arts

BOE: Functional
Feasibility study
Persuasive speaking
Research, Prioritizing sources
Listening skills
Literature

Science

How do scientists know what they know about the Solar System?

Properties of elements

Spectrometry

Origin and formation of the solar system
Laws of motion

Social Studies

Who owns outer space?

Solar system geography

Impact of raw materials mined in space on the global economy