Constellations and Mythology

Summary
Students will be able to understand the links between the constellations and the stories about their origins.

Main Core Tie
Science - Earth Science
Standard 1 Objective 2

Time Frame
5 class periods of 45 minutes each

Group Size
Small Groups

Life Skills
Thinking & Reasoning, Communication

Materials
"Constellation Notes"
Microsoft PowerPoint
"Past and Present Meet":
answer sheet
"Star Finder Wheel":
copy master
"Adopt-a-Constellation":
teacher instructions
student worksheet
research materials (books, mythology anthologies, encyclopedias, etc.)
film canisters
nails or push pins
"Constellation Brochure":
Microsoft Publisher
rubric

Background for Teachers
No special training beyond standard Integrated Science Endorsement required.

Student Prior Knowledge
Students require no previous astronomical knowledge.

Intended Learning Outcomes
Students will be able to:
-associate the constellations with the myths that explain their origins
-write a creative story that tells the origin of their own original constellation
-create a three-fold brochure using Microsoft Publisher
-create the tools necessary to locate a constellation in the night sky

Instructional Procedures

**Day 1**
-Whole group activity, PowerPoint notes

**Days 2-5:** Rotation through the following four stations:
1) Technology Station: Where Past and Present Meet” UEN Activity
2) Exploration Station 1: Make a Star Finder
3) Exploration Station 2: Adopt-a-Constellation
4) Text Station: Constellation Brochure

Strategies for Diverse Learners
Students with special needs will be able to work in small groups with more competent peers.

Assessment Plan
A rubric will be used to assess students' performance on the Constellation Brochure.

Rubrics
Constellation Brochure

Bibliography

Authors
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