



Moon, Mars, and ISS



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Program Overview

Block 1 (entire class)

Lesson 1:

- Introduction to “Moon, Mars, and ISS” including destinations, specialties, and final project
- Homework, “Inner Planets”

Lesson 2: DVD, “What’s Out There? Our Solar System and Beyond”

Block 2 (entire class)

Lesson 3:

- Lesson, Motion of planets and moons, Kepler’s laws, and eclipse
- Homework, “Outer Planets”
- Quiz, “Name that Inner Planet”

Lesson 4: DVD, “Exploring Space: The Universe”

Block 3 (rotations)

Lesson 5:

- Lab, “Craters”
- Quiz, “Name that Planet”

Computer: Destination 1

Block 4 (rotations)

Lesson 6:

- DVD, “Physics: A world in Motion: Atomic Spectra”
- Quiz, “Name that Celestial Body”

Computer: Destination 2

Block 5 (rotations)

Lesson 7: Lab, “What are the stars and planets made of?”

Computer: Specialty 1

Block 6 (rotations)

Lesson 8: DVD, “Rockets”

Computer: Specialty 2

Block 7 (rotations)

Lesson 9:

- Project Requirements
- Final Projects/Presentations
- Lunar Problem.

Computer: Specialty 3

Block 8 (entire class)

Lesson 10: Demonstration, “Comet”

Review

Block 9 (rotations)

Lesson 11: DVD, “Discovery Program”

Computer: Specialty 4

Quiz, not provided

Block 10 (entire class)

Final projects

Additional Videos, DVDs, and Forms and Materials