

NC TEACH Lesson Plan
NORTH CAROLINA SIX POINT LESSON PLAN

Subject: Earth/ Environmental Science

Topic: Solar System

Teacher: Brian Bradshaw

Date: 7/7/2008

Performance Objective:

The learner will analyze the theories of the formation of the universe and solar system.
The learner will analyze planetary motion and the physical laws that explain that motion:

- Rotation.
- Revolution.

Activity: Alice Solar System Demonstration

Description of Activities and Setting

Materials and Time

I. Focus and Review

Overhead. Students will have a pre-chapter quiz on the overhead.5 minutes

II. Statement (Inform) of Objectives

- 6.01 Analyze the theories of the formation of the universe and solar system.
6.02 Analyze planetary motion and the physical laws that explain that motion:
- Rotation.
 - Revolution.

III. Teacher Input (Present tasks, information, and guidance)

Students will watch the Alice world Space2. Upon completion, they will receive PowerPoint lecture notes on the solar system. 35 minutes

IV. Guided Practice

Have students watch Space2 again. This time, they will click on the planets and record the presented facts in their notebooks.

V. Independent Practice
Seatwork and Homework

Once students have recorded all of the planet facts, they will research current events in science regarding our solar system. They will write a summary of one teacher approved article. Upon completion, they will examine printouts of current information regarding exoplanets. 25 minutes.

VI. Closure

Ask for questions, Take up student work, and assign solar system project. 5 minutes.