Download Retrograde Motion Lab Activity

Chapter 27 Lab Activity Retrograde Motion of Mars

Name Date 116 Chapter 27 Lab Activity Earth Science Procedure 1 Answer Analysis and Conclusions Questions 1–4. 2 This activity will focus on a specific region of the celestial sphere represented by the Retrograde Motion of Mars grid on the following page. The data in the Background Stars and Magnitudes data table

Retrograde Motion Lesson

4. Model retrograde motion on the orrery activity. 5. Have the students use coins, cups, etc to create their own smaller model of the motion to demonstrate understanding. The students should create their own video using a phone or POD. This is the most important part!!!!!

Retrograde motion lab

Pre-lab activity: Retrograde motion pre-lab exercise Introduction: One of the most difficult things to explain with a geocentric model of the solar system is retrograde motion of Mars, Jupiter and Saturn, something that can be seen by any careful observer, even without a telescope. While retrograde motion alone did not lead

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After reading about and discussing retrograde motion, it is still difficult for some students to visualize what retrograde motion is or exactly how planets seem to be moving "in reverse." This activity was designed for students to act out the motion of the planets in the solar system and see the apparent backwards motion of the planets.

ACTIVITY

Retrograde Motion Name _____ Earth Science Date: _____ Hr: ___ Background: Most planets move across the sky in a west east direction. Occasionally, something strange occurs. A planet appears to slow down and move backward (to the west). Today you are going to find out why it happens. The diagram

ACTIVITY

: Planets tend to move across the sky in an easterly direction. Occasionally, something strange occurs. A planet appears to slow down and begin moving backward to the west. In this activity you are going to find out why this happens. The diagram below represents a part of our solar system.

Retrograde Motion Activity Astronomy Lesson 3

Retrograde Motion Activity Astronomy Lesson 3 For this activity, students will pretend to be the Sun, Earth, Mars and the background stars in order to experience the phenomena of retrograde motion. Students should have already read the NASA article about Mars’ retrograde motion, so, in theory, they should be familiar with

the reasoning behind the

Astronomy 101 Lab: Retrograde Motion

Astronomy 101 Lab: Retrograde Motion If you own a laptop, please bring it to class. You will submit your answers on Cobra using a Word document provided on the website listed below. The Stellarium shortcuts you used in the first lab are on the inside cover of your lab packet and on the website.

ACTIVITY

ACTIVITY- Retrograde Motion Name _____ "Backward" Motion of Planets. Planets tend to move across the sky in an easterly direction. Occasionally, something strange occurs. A planet appears to slow down and begin moving backward toward tht west. In this activity you are going to find out why this happens.

Retrograde Motion Lab

Retrograde Motion Lab Retrograde Motion Web Tool designed by Bill Bradley (TRSouth '01) Instructions: Click on the link below for your lab sheet. You may type directly on the sheet, save it, and print it out when you have completed the lab. Printer friendly labsheet ...