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Explore the universe using NASA Celestia

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Objective: To become familiar with several technologies developed by NASA that can be used for a multitude of education purposes. We will focus on the Virtual Scanning Electron Microscope and Celestia, a model of our universe.

Agenda:

1. Introduction
2. Celestia
 - a. Program overview
 - b. Tour of the solar system and galaxies
 - c. Time warp travel
 - d. Extracting object information and display options
 - e. Saving and sharing locations
 - f. Educational curriculum

Software Resources

Celestia:

Program: <http://learn.arc.nasa.gov/planets/index.html>

Education resources: <http://www.celestiamotherlode.net/catalog/educational.php>

NASA Education Resource Center

Ames Educator Resource Center
NASA Ames Research Center
MS 253-2
Moffett Field, CA 94035
Tel #: 650-604-3574
erc@arc.nasa.gov

Regional Educator Resource Center

Utah State University-YETC
2845 Old Main Hill - 170 EDUC
Logan, Utah 84322-2845
Voice: (435) 797-3377
Fax: (435) 797-3939
Contact: Nathan Smith
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Website: <http://teacherlink.ed.usu.edu/>