

Sunday, March 16, 2003
EDUCATION AND PUBLIC OUTREACH: OPEN HOUSE DISPLAY
5:00 p.m. LPI

Molineux A. Gunter M.

IMPACT: Texas and the World. An Interactive CDROM for Educational Outreach [#2061]

Accession of the tektite collection of the late Virgil Barnes into the collections of the Texas Memorial Museum provided an opportunity to develop an interactive CD-ROM covering topics relating to tektites, impact sites and meteorites.

Allen J. S. Tobola K. W. Lindstrom M. L.

Exploring the Solar System Activities Outline — Hands-On Planetary Science for Formal Education K–14 and Informal Settings [#1629]

The Johnson Space Center ARES Education team has compiled a variety of NASA solar system activities to produce an annotated thematic outline useful to classroom educators and informal educators as they teach space science.

Grier J. A. Steel S. J. Dussault M. E. Gould R. R.

Determining Age: An Educational Perspective on Our Place in Time [#1692]

“Our Place in Time” is a developing content strand keyed to the questions “How old is something?” and “How do you find out?” We will present materials related to this strand for discussion and feedback, as well as showcase other resources.

Keller J. M. Boynton W. M. Enos H. L. Hamara D. Janes D. Kerry K. Pompea S. M. Prather E. E. Quinn M. Slater T. F.

Educational Use and Effectiveness of an Auditory Display of Mars GRS Data [#2036]

A unique and alternative education and public outreach product allows students to “see” and “hear” seasonal variations in hydrogen signal detected by Mars GRS. Plans to test the educational effectiveness of this auditory display will be described.

Williams S. H. Zimbelman J. R.

“How Good is ‘Good Enough’?”: Analysis of Cost/Quality Trade-Offs in Planetary Remote Sensing for Both Research and Education [#1614]

Determination of the minimum resolution necessary for interpretation of diagnostic features can prevent overspending on data acquisition/analysis, assess needs for future surveys, and inspire engaging and informative educational activities.

Bérczi Sz. Fabriczy A. Hargitai H. Hegyi S. Illés E. Kabai S. Kovács Zs. Kereszturi A. Opitz A. Sik A. Varga T. Weidinger T.

Atlas Series of the Solar System (5 Booklets) and Other Works for Education and Public Outreach by Cosmic Materials, Planetology and Hunveyor Groups of the Eötvös University, Hungary [#1305]

Our Atlas Series consists of five booklets of interactive material in space science education: (1) Planetary petrography, (2) Surveyor-Hunveyor educational robotics, (3) planetary surfaces, (4) planetary atmospheres, (5) space science and geometry.