

Exploring the Universe

Target Audience: Grades K-12

Description: Exploring the Universe is an astronomy resource kit that offers supplemental activities and supplies to existing astronomy lessons. The kit contains a Meade ETX Astro Telescope, Nikon Binoculars, Astronomy Flashlight, Star Finders, Telescope Maintenance Kit and Resource and Activity Guides for each grade level.

Educational Objectives:

To develop science and technology concepts of:

Objects in the Sky (K-4)

Changes in the earth and sky (K-4)

Earth in the solar system (grades 5-8)

Origin and evolution of the universe (grades 9-12)

To develop science skills of observing, communicating, comparing/measuring, relating, inferring, and applying skills.

To develop life skills of cooperation, record keeping, and learning to learn.

Resource Books Included:

The Stars: A New Way to See Them by H.A. Rey

365 Starry Nights by Chet Raymo

Peterson Field Guide: Stars and Planets by Jay M. Pasachoff

Scientific American Presents the Future of Space Exploration

NASA Our Solar System Lithographs

Activity Books Included:

The Young Astronomer

Ranger Rick's Nature Scope

Astronomy: It's Out of This World

The Universe at your Fingertips

Earth, Moon and Stars Teacher's Guide

The Theory of Wow! A Kid-Size Exploration of the Solar System

Lesson Launchers: Build a Comet

NASA's Mars Exploration

NASA Solar System Puzzle

NASA Exploring Meteorite Mysteries

NASA Exploring the Moon

NASA Planetary Geology

NASA's Great Observations Kit

Exploring the Universe can be borrowed from your local County Extension Office.