



# Look Up to the Stars



## Look Up to the Stars Virtual Astronomy Experience

Join forces with award-winning astronomer and consultant to NASA, Kevin Manning, a man on no ordinary mission. Kevin founded Look Up to the Stars with a mission to generate interest and foster scientific literacy in people worldwide through the delivery of awe-inspiring, educational and entertaining astronomy programs. Truly breathtaking images, video clips and fun hands-on activities make for an unforgettable cosmic journey. People of all ages can be inspired to think big, dream big, and to foster curiosity about an enormous universe in which the boundaries appear unlimited. With the understanding of some simple terminology and concepts, the general public is better informed about space and the celestial objects that reside overhead. The spark of interest often ignites in young minds where the abc's of the universe are brought to light.

**Brief Bio**

Consultant with NASA  
Chandra X-Ray Observatory

- Harvard-Smithsonian Center for Astrophysics

Wright Fellow at Tufts University  
Einstein Fellow on Capitol Hill in Washington, DC

- NASA Headquarters
- US House of Representatives
- US Dept of Energy Office of Science

Brookhaven National Laboratory

**Noteworthy Workshops**

- Tufts University
- Slate University of New York at Stony Brook
- National Science Teachers Association's National Convention
- American Association for the Advancement of Science Breakfast with Scientists
- National Parks Service

**Chandra X-ray Observatory**



Look Up to the Stars offers 20+ outstanding astronomy programs and classes throughout the world along with 24+ STEM hands-on activities and two virtual camps. We offer these exciting astronomy programs about the universe to individuals, families, schools, libraries, civic organizations, retirement communities, corporations, churches, etc. The seven categories below give a brief description for each.

Please don't hesitate to contact us with any questions or to customize a program or activity for your needs.

## *Virtual Astronomy & Space Academy*



<https://www.lookuptothestars.com/>

### **Virtual Astronomy & Space Academy**

A dozen different exciting astronomy classes are 45 minutes to 1 hour for students in grades PreK-12 (Ages 4-17) and include fun and challenging hands-on activities.

Ages 4-11, 12-17

Year Round

Individual/Family \$50

Groups (Library, School, etc.) \$250

Save 20% for 3 or more programs

Available 11/15 – 01/07 MTWRF 12:00pm & 6:00pm ET

## **ORANGE STARS IN AN AUTUMN SKY**



### **Orange Stars in an Autumn Sky (Special New Class)**

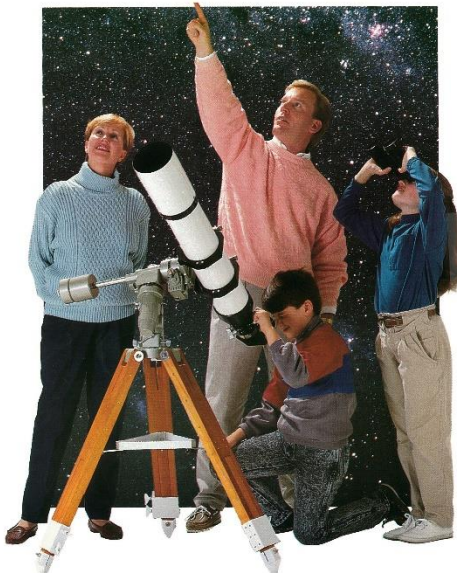
Are there really stars the color of a pumpkin? You betcha! Let's explore and see those and other Autumn colors twinkling and glowing in the night sky above and learn some of the science and folklore behind them.

Ages 4-17

\$50

Available 11/15 – 01/7 MTWRF 12:00pm & 6:00pm ET

## *Family Virtual Astronomy Programs*



### **Family Virtual Astronomy Programs**

18 different exciting astronomy programs are typically 90 minutes for anyone ages 8-122 and can include optional hands-on activities. Programs can be structured to accommodate adults, individuals, families, libraries, schools, civic organizations, retirement communities, corporations, etc.

Ages 8-122

Year Round

Individual/Family \$75

Groups (Library, School, etc.) \$375

Save 20% for 3 or more programs

Available 11/15 – 01/07 MTWRF 10:00am & 7:00pm ET



## Camp Universe (**Telescope Kit Included**)

Looking for a Fun Astronomy Camp done Virtually, well this one's Out of this World! With our Camp Universe, children ages 5-13 can be inspired to think big, dream big, and to foster curiosity about an enormous universe in which the boundaries appear unlimited. The spark of interest often ignites in young minds where the abc's of the universe are brought to light.

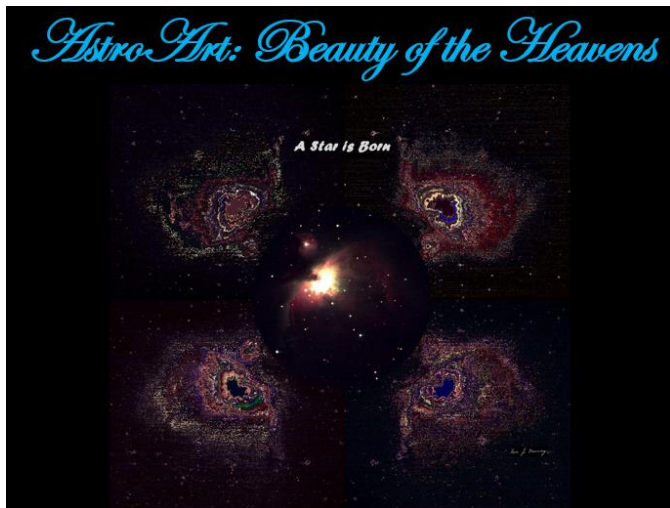
Exciting week-long sessions for children grades K-8 begin in November and extend into January, with lots of fun

STEM hands-on activities as they are guided into the mysteries of the universe by a real astronomer who was a consultant with NASA and worked with a space telescope. The entire week is filled with constant fun and excitement as everyone experiences a supernova explosion of new knowledge and understanding in this virtual journey throughout the cosmos. With the understanding of some simple terminology and concepts, they are better informed about space and the celestial objects that reside overhead. Some of the many outrageous activities include constructing a starfinder, using Oreo cookies to see the phases of the Moon, and building an actual telescope from a kit provided by the camp.

Ages 5-13

\$495 (**Telescope Kit Included**)

Available 11/15 – 01/07 (8 Week-long Sessions) MTWRF 1:00pm & 3:00pm ET



## AstroArt Workshop: **Beauty of the Heavens**

Here we will combine art and the beautiful universe using NASA's MicroObservatory during this week-long workshop. We'll also compare objects in space to things we see in the earth's oceans. You'll be working with an astronomer, Kevin Manning, who was a Consultant for NASA, worked with space telescopes, and won an international award for astrocreativity. Kevin will guide you through requesting images from robotic telescopes and process those images like professional astronomers do. Cosmic Images Across the Spectrum will require using a search engine, locate and download images of the selected object taken by detectors sensitive to various frequencies

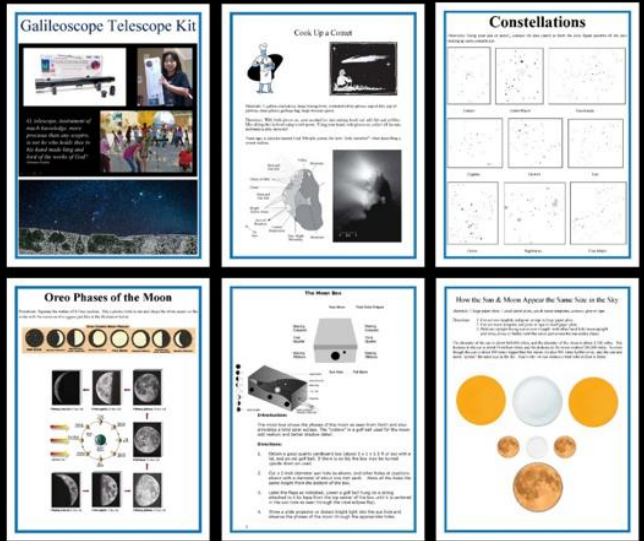
in radio, infrared, ultraviolet, X-rays and gamma rays, and assemble with the processed visible image. Then, information for each selected object, such as type of object, when discovered and by who, constellation found in with its celestial coordinates, apparent and true size, brightness, etc. will be compiled onto a page or "block" and submitted to be added to a "Cosmic Quilt." Color poster-sized printouts of all blocks submitted can be assembled for a physical Cosmic Quilt and put on display as an exhibit for all to see. This is just the beginning of the week-long multidisciplinary project that will have extraordinary tangible results. You've never seen anything like this before!

Ages 7-17

\$495

Available 11/15 – 01/07 (8 Week-long Sessions) MTWRF 1:00pm & 3:00pm ET

## On-Demand STEM Hands-On Activities



## On-Demand STEM Hands-On Activities

These fun and exciting STEM hands-on astronomy activities take anywhere from 15 to 45 minutes to complete for people of all ages. Each activity below has its own page with PDF printouts, video, step-by-step instructions, materials required, and printable templates when needed for the activity. With only two exceptions, each activity is available for just \$25. After payment is made, you will be taken to the activity page and will have access to everything needed to complete the activity.

## God's Incredible Universe



## God's Incredible Universe

"The heavens declare the glory of God; the skies proclaim the work of his hands" Psalm 19:1. It is astronomer Kevin Manning's highest privilege to powerfully present a message of love and hope to people everywhere, factually declaring and displaying the awesome work of God in a powerful presentation. In a time when there is darkness and loss of heart, this message will strengthen people's faith and cause them to look up to a universe and Creator figuratively and literally bigger than their biggest challenges but as close as their very hearts. Everyone who attends can expect to gain a larger perspective and an abiding sense of awe about the Creator and His creation.

Kevin carries a message of hope which transcends any and all denominational barriers and translates into any language and looks forward to hearing from you soon!

All Ages, Year Round

Individual/Family \$75

Church/Congregation \$225

Save 20% for 3 or more programs



## Astronomy Birthday Celebration

The spark of interest often ignites in young minds where the ABC's of the universe are brought to light. Have fun while taking a virtual exploration of the universe from the very small to the very large. We provide the edutainment and hands-on activities; you provide the cake & ice cream!

All Ages

Year Round

\$50