



## EXPLORE YOUR UNIVERSE

The universe is an amazing place with so much to explore. Focus is here to take you, your friends and whom ever you wish to bring along as we take a look at the cosmos.

Focus works with schools, public events, private events, weddings, etc... to share the wonders of astronomy with you. Our goal is to make your night (or day) truly stellar.

We offer a wide selection of equipment from our massive 28" telescope (the largest outreach telescope in Phoenix) to our one of a kind mobile meteorite collection with over 50 samples. We see over 30,000 people a year and welcome people of all ages to our programs.

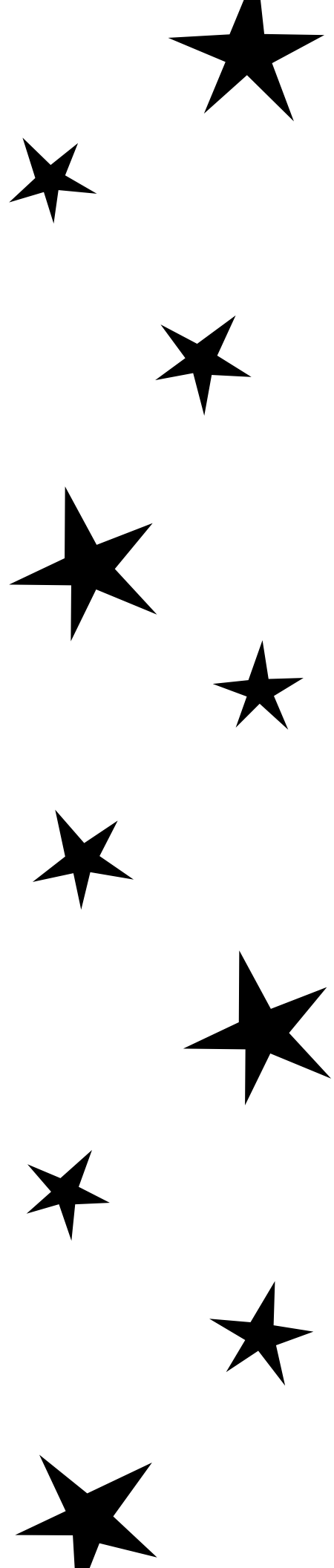
### **What we have to offer!**

- **Telescope viewing**
- **Guided astronomical tours**
- **Day time viewing**
- **Live Astrophotography demos**
- **Hands on meteorite display**
- **Talks & Presentations**
- **Astrophotography workshops**

Focus Astronomy

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# ABOUT FOCUS

Focus Astronomy began in 2011 in Phoenix, AZ as a small outreach program. Mainly providing events to a handful of local schools and public venues. In March of 2012 Focus relocated to Los Angeles, CA where the program quickly grew. Events for schools, large public venues as well as working with the National Park Service expanded our reach into the public eye. By the end of 2016 Focus had reached 15,000 annually. Now, Focus has relocated back to our home state of Arizona where our mission continues. The basis of this program is to educate and inspire others on the wonders and mysteries of the universe. We find looking up is the best way to learn about ourselves and our world.

Our programs bring advanced research level telescopes and photographic equipment to schools, public and educational groups all over the southwest and west coast. Our programs come to schools, educational groups, the public as well as private events. We specialize in upper level education starting with middle schools and working up. Our programs revolve around the science of astronomy and understanding complex subjects. We recommend those interested in our events to keep this in mind.

We have a large amount of capabilities and are always looking for new and exciting additions to our programs. From safely viewing the sun, to handling real meteorites to gazing into the reaches of space. We can make your program a reality! Events can be customized to the groups requirements.

Above all however our events are here to encourage two major topics: exploration and passion. We encourage everyone to ask questions, explore the world and universe and most of all your passions.

We hope to see you at a program coming soon!

# EVENTS

Focus Astronomy is designed around providing unique events for both the public as well as private events. We customize each event to provide the highest level of interest and impact. Be it exploring the wonders of the universe with your class or making your next event something that is truly stellar.

Our team brings astronomy down to the modern world. Blending knowledge of the night sky with today's latest and most advanced astronomy equipment. Be it peering through an eyepiece or streaming live astronomy images into your event venue, we can do it all.

For each event we work with your needs to figure out what would be the best fit. How many telescopes, what you would like to see as well as other components such as hands on meteorite displays and event photography. Let us know what you are looking for and we can work with you to make it truly out of this world.

To plan or book your event please contact us at  
[focusastronomy@gmail.com](mailto:focusastronomy@gmail.com)





WHAT WE OFFER

# STARGAZING

Viewing the night sky is something most people seem to have a small interest in. The universe is filled with amazing things to see and it's our mission to show them to you!

Our stargazing events are designed to take you around the galaxy and beyond. During these events our team points out the visible constellations, bright stars and other easy to see objects. From scientific fact to ancient folk lore we try to make the night as interesting as possible.



Aside from viewing with your naked eye, Focus provides a collection of telescopes (3" to 28") for you to view the distant objects. From craters on the Moon, to Saturn's rings, to distant galaxies and nebulae there are all kinds of objects within reach of our equipment. You can even capture an amazing image of the Moon through the telescope with your cell phone if the Moon is up. We offer several public stargazing programs that are open to all ages. Please check out our Public Events tab in our Navigation Bar to find out about future events!

# SOLAR/DAY TIME VIEWING



Astronomy is not just limited to the night, there is much to see during the day! While the stars are obscured we aim our (specialized) telescopes to the only star visible, the Sun! Focus has a collection of dedicated telescopes that allow us to view the Sun in three different wave lengths of light (White Light, H-Alpha and Calcium-H). While this provide an amazing view of our nearest star is also allows us to teach about subjects such as the Electromagnetic Spectrum and chemical make up of the Sun. Our solar equipment is completely safe and designed for this aspect of astronomy. DO NOT attempt to view the Sun without the proper equipment.

Another addition to our Solar/Day Time observing is the ability to view other celestial bodies such as Mercury, Venus and the Moon. During the day these objects are sometimes visible. With the aid of highly accurate computerized mounts and optics we are able to track down and view (at times) these celestial bodies in mid day. Venus tends to be the easiest planet to view as it is fairly bright even during the day. The ability to display other solar system objects adds a level of dynamic that few get to see. There is always something to see not matter what time of day and Focus intends to show you as much as possible.



# METEORITES



Many of us are familiar with shooting stars. These small particles of rock and debris fall to Earth as brilliant balls of light, these are known as meteors. If one of these pieces is lucky enough to make it to the Earth's surface it is now known as a meteorite. Most meteorites are left over fragments from the solar systems formation over 4.5 billion years ago. These offer a snap shot of the history of our planet and solar system.

Meteorites are usually found locked in museums due to their rarity. At Focus we wanted to bring to museum with us and have done just that. Our one of a kind mobile meteorite display features over 50 samples of meteorites from all over the globe. Two custom built fully lit display cases feature a vast of rare and well known pieces. We also feature a hands on display where you can handle over 10 individual pieces of meteorites first hand.

For educational events and schools we also feature microscope samples to explore meteorites in depth.

# ASTROPHOTOGRAPHY

Capturing images of the night sky is a complex goal, but Focus has mastered Live Imaging for outreach use.

Imagine viewing detailed images of distance objects live as they come off the telescope. Our system captures images of faint objects and composes them live on screen. Objects that would be nearly invisible to eye (even when viewing with a telescope) become bright and detailed. We stream these live images onto our 32" monitor for large groups to see. Our astronomers will give you detailed information on each object as you take your tour through the cosmos. Our Live Imaging set ups can also live stream onto larger monitors if your venue chooses to do so.

Imaging is also a great outlet for special need groups, large events and upper level education programs. At the end of each event our team takes the images back and process them. We will then email your group the captured images for you to share with your group, class room, etc...

We do require access to power when running our imaging systems. Contact us for more details.





# CONTACT

Focus has worked with school, public venues, corporate events and weddings. From children's groups to large private viewings we have experience with working with all ages.

For details on events, bookings, upcoming public programs and more please check out our website at [www.focusastro.org](http://www.focusastro.org).

You can also reach us on Facebook & Instagram under Focus Astronomy or just email us at [focusastronomy@gmail.com](mailto:focusastronomy@gmail.com)

