

# TIGER CUB SCOUTS WORKSHEET



THE  
FRANKLIN  
INSTITUTE

Tiger Scouts can work towards the Sky is the Limit Adventure through activities at The Franklin Institute.

## ACTIVITIES AT THE FRANKLIN INSTITUTE

Walk around the museum and participate in activities while talking to scientists to make connections between adventures and our exhibits.

### SKY IS THE LIMIT ADVENTURE

#### REQUIREMENTS

1. With your den or with your parent, guardian, or other caring adult, go outside to observe the night sky. Talk about objects you see or might see.
2. Look at a distant object through a telescope or binoculars. Show how to focus the device you chose.
3. Observe in the sky or select from a book, chart, computer, or electronic device two constellations that are easy to see in the night sky. With your parent/guardian or other caring adult, find out the names of the stars that make up the constellation and how the constellation got its name. Share what you found with your den.
4. With your den or family, visit a planetarium, observatory, science museum, astronomy club, or college or high school astronomy teacher. Before you go, write down questions you might want to ask. Share what you learned.

#### EXHIBITS AND THEATER SHOWS TO VISIT

- *Space Command*
- Observatory

#### ACTIVITIES

1. Observe the night skies at one of our special evening events, *Night Skies!* Scouts will work directly on astronomy activities, including planetarium shows, live-science shows and space themed discussions with scientists. *These are a separate ticket than regular admission so call ahead for dates and availability.*
2. In the Observatory, look for the Zeiss refracting telescope. **Bonus!** In the Scope Lobby outside of *Space Command*, you can enjoy and learn about different types of telescopes.
3. In *Space Command*, look for the constellations on the Orrery Model. Research what stars make up the constellations you chose and how they got their names.
4. Join us for a show in the Planetarium. Think about what questions you are going to ask the show presenter.
  - How does the sky change throughout the year?
  - Why do some stars look different?
  - What are some elements that impact how the sky looks?

There are so many fascinating things to ask!

*Note: Planetarium admission is included with individual tickets and is a \$5 upcharge for groups.*