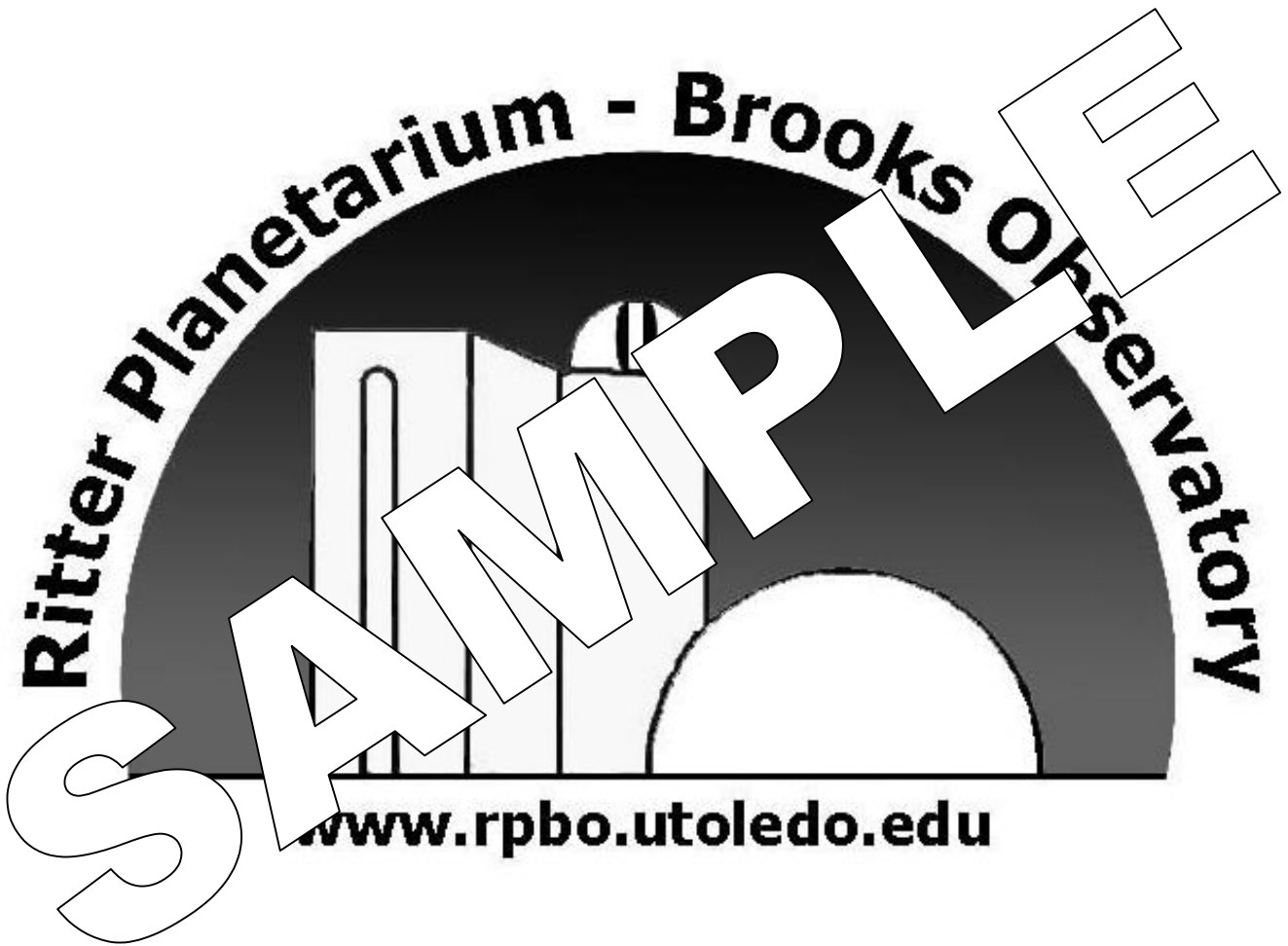


Girl Scout Sky Search Badge Packet



Name: _____

Date: _____

Ritter Planetarium-Brooks Observatory Girl Scout Sky Search Badge Packet

Here is your Ritter Planetarium-Brooks Observatory Girl Scout Sky Search Badge Packet. This packet and the accompanying program have been specially created to assist you in completing the requirements for the *Jr. Level Sky Search Badge*. Each page offers a separate requirement, as stated at the top of the page. Requirement instructions are given, whenever possible, to help you to work on each one. Be aware that some requirements may require you to do more than one thing, so make certain that you completely finish each page.

Each troop will have a display sphere, or star map. It will be useful if you decide to have an evening of astronomy activities. Learning to use a planetarium is **Activity 1** in the unit. If you have any questions while you are here, please feel free to ask any of the speakers.

Name: _____

Date: _____

ACTIVITY 2: Constellations

1 . What is a constellation?

2. Look at a star map and choose 5 constellations. Note any distinctive features such as size, shape, and number and brightness of the stars. With the help of a star map, locate the constellations in the sky, then point them out to others.

Constellation	Notes (size, shape, etc.)
1. _____	_____
2. _____	_____
3. _____	_____
_____	_____
_____	_____

Activity: Practice finding these constellations in the real night sky; point them out to your family and friends.

Name: _____

Date: _____

ACTIVITY 3: Direction, Please

Answer the following questions.

1. Explain how to find the North Star.

2. Why was the North Star used for navigation throughout history?

3. What constellation is the North Star part of? What famous asterism is this also known as?

Name: _____

Date: _____