



## STATEWIDE STAR PARTY

# WEB RESOURCES

*Find this document online at*

<http://www.ncsciencefestival.org/starparty>

### FINDING YOUR WAY IN THE SKY

#### **Heavens-Above.com**

<http://heavens-above.com/>

Star charts for any location, date, and time—be sure to specify your observing location.

#### **Stellarium**

<http://www.stellarium.org/>

Download free planetarium software for your computer.

#### **U.S. Naval Observatory, Astronomical Applications**

<http://aa.usno.navy.mil/data/>

Rise and set times for Sun, Moon, planets—and a lot more

#### **StarDate's Moon page**

<http://stardate.org/content/moon-phases/>

Illustrations of lunar phases for a given month

#### **Activity: Make a Sundial**

<http://www.skyandtelescope.com/astronomy-resources/how-to-make-a-sundial/>

Tell time with just the Sun, and a template, tape, and pencil.

#### **Activity: Make a Star Wheel (planisphere)**

<http://www.skyandtelescope.com/astronomy-resources/make-a-star-wheel/>

Instructions for making and using a Star Wheel

#### **Activity: Make a Star Finder**

<http://spaceplace.nasa.gov/starfinder/en/>

Make a “star finder toy” and play a game to find a constellation in the night sky.

### OTHER RESOURCES

#### **Clear Sky Charts**

<http://www.cleardarksky.com/csk/>

Will tonight's sky be clear? Find a chart for your location.

#### **See the International Space Station**

<http://spotthestation.nasa.gov/>

When can you see the ISS? Sign up for alerts.

#### **Night Sky Network**

<http://nightsky.jpl.nasa.gov>

Excellent activities—click “Outreach Resources”

#### **NASA Wavelength**

<http://nasawavelength.org/>

A “full spectrum” of NASA resources for earth and space science education

#### **NASA's Solar System Exploration**

<http://solarsystem.nasa.gov/>

Facts, images, news, space missions

#### **Juno mission to Jupiter**

<http://missionjuno.swri.edu/>

Juno arrives at Jupiter in July 2016 to study the planet's origin and evolution.

#### **GLOBE at Night**

<http://www.globeatnight.org>

Participate in a citizen-science campaign to measure light pollution.

#### **International Dark-Sky Association**

<http://www.darksky.org>

Resources and activities on light pollution

#### **Astronomy Picture of the Day**

<http://apod.nasa.gov/apod/>

Makes a great home page

#### **Choosing a Telescope**

<http://www.chaosastro.com/> (click “Buying a Telescope”)

<http://raleighastro.org/choosing-a-telescope/>

Read advice from amateur astronomers.



The Statewide Star Party is made possible by the generous grant support of the North Carolina Space Grant.