# DIY Science Camp: The Night Sky

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<th>Day 1</th>
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<td><strong>Twinkle, Twinkle</strong>&lt;br&gt;Explore the shape and brightness of stars by making a constellation mobile.</td>
<td><strong>Constellation Centerpiece</strong>&lt;br&gt;Get in a little bit of constellation knowledge while eating breakfast.</td>
<td><strong>Myth Maker</strong>&lt;br&gt;Write your own modern-day myth inspired by a constellation. Then plan a nighttime read aloud under the stars!</td>
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**Books to read together:**
- Look Up!: Henrietta Leavitt, Pioneering Woman Astronomer
- Find the Constellations
- Zoo in the Sky
- Stars
- How the Stars Fell into the Sky: A Navajo Legend
- Her Seven Brothers
- Visit your local planetarium, or just head outside on a clear night!
**Day 4**

**Lunar Flip Book!**
Watch the Moon pass through all its phases in just a few seconds!

Books to read together:
- A Full Moon Is Rising
- Thanking the Moon
- Faces of the Moon
- The Moon Book

**Day 5**

**Solar System Scale Model**
Visualize the BIG distances between planets with this toilet paper model.

Books to read together:
- I, Galileo
- What’s Out There? A Book About Space

**Day 6**

**Alien Spaceship**
Invite friendly aliens to visit. Add LED lights for more drama!

Books to read together:
- Mousetraunat
- The Mighty Mars Rovers

Write it!
- Fasten Your Seatbelts: Mars Travel Brochure
DIY Science Camp: The Night Sky

Find lots more activities + fiction & nonfiction booklists + cool apps and websites at www.startwithabook.org

**Fiction Books**
- Her Seven Brothers by Paul Goble
- How the Stars Fell Into the Sky: A Navajo Legend by Jerrie Oughton
- The Lost Children by Paul Goble
- The Love of Two Stars by Janie Jaehyun Park
- The Milky Way: A Cherokee Tale by Joseph Bruchac
- Mousetronaut: Based on a (Partially) True Story by Mark Kelly
- The Star People by S.D. Nelson
- Starry Tales by Geraldine McCaughrean
- Thanking the Moon by Grace Lin
- Where the Mountain Meets the Moon by Grace Lin
- Weather: Poems for All Seasons by Lee Bennett Hopkins

**Nonfiction Books**
- A is for Astronaut: Exploring Space from A to Z by Traci Todd
- Find the Constellations by H.A. Rey
- A Full Moon Is Rising by Marilyn Singer
- I, Galileo by Bonnie Christenson
- Look Up! Henrietta Leavitt, Pioneering Woman Astronomer by Robert Burleigh
- The Moon Book by Gail Gibbons
- Once Upon a Starry Night by Jacqueline Mitton
- Our Stars by Anne Rockwell
- The Sky Is Full of Stars by Franklyn Branley
- Stargazers by Gail Gibbons
- Stars by Seymour Simon
- The Mighty Mars Rovers by Elizabeth Rusch
- Zoo in the Sky by Jacqueline Mitton