

The Night Kitchen Podcast: Episode 4: How to do Astronomy



Now streaming @ <https://bit.ly/NightKitchenPodcast>

Episode Release Dates

- E1: The Space Tour Bus Road Trip (How Big is Space?) 10/15/21
- E2: Stargazing (What does the sky look like?) 11/5/21
- E3: Shooting Stars! The Leonid Meteor Shower 11/12/21
- E4: How To Do Astronomy 11/19/21
- E5: Things That Go Bump in the Night - Weird Stuff in the Universe 11/26/21

Episode 4

Episode 4: An Astronomy Know How

Do you want to know more about astronomy but just don't know where to start? Look no further as we delve into creative ways to do Astronomy.

Supporting Activities

- System Sounds www.system-sounds.com System Sounds have a ton of cool stuff, from craters on the moon to more awesome deep space pictures.
- How to make a Radio Telescope <https://youtu.be/B4ofhbgcmiw>

- o <https://www.scienceinschool.org/article/2006/telescope/>
- o <https://www.radio4all.org/how-to-build-a-radio-telescope/>
- SETI <https://www.seti.org/> Search for Extraterrestrial Intelligence
- [NASA.gov](https://www.nasa.gov/) The National Aeronautics and Space Administration is America's civil space program and the global leader in space exploration.
- [SkyandTelescope.org](https://www.skyandtelescope.org/) This is your portal to the latest astronomy news, the celestial reports and observing tips that make you say, "wow!"
- [Can Blind People be Astronomers?](#)

by Bernhard Beck-Winchatz/ DePaul University

Book List (Episode 4) "The Night Kitchen"

Book Number DB022105

The new astronomy probing the secrets of space

D'Ignazio, Fred.

Digital Book

Explains how astronomers are using new kinds of telescopes, computerized cameras, and space probes to generate theories about the universe and its mysteries. For grades 4-7 and older readers

Book Number DB091469

Stargazer's alphabet : : night-sky wonders from A to Z

Farrell, John.

Digital Book

Following the letters of the alphabet and using rhymes, this book provides an introduction to the beauty of astronomy and describes items of interest in the night sky. A fact-filled introduction to the wonders of space. Commercial audiobook. For grades K-3 and older readers. 2007.

Book Number DB008630

The backyard astronomer

Nourse, Alan Edward.

Digital Book

A do-it-yourself guide to observing the heavens. For grades 6-9.

Book Number DB020722

El universo

Comellas, José Luis.

Digital Book

Spanish

Introduction to the mind-boggling universe. Provides a summary of the latest information on the solar system, the Milky Way and other galaxies, quasars, neutron stars, and black holes. For adult and young adult readers. Spanish language.

Book Number DB045666

American astronomers : : searchers and wonderers

Camp, Carole Ann.

Digital Book

Profiles the lives of ten Americans who observed the heavens and made major contributions to the science of astronomy. Includes pioneer comet-discoverer Maria Mitchell, telescope designer George Hale, and Carl Sagan, who popularized science for many Americans. For grades 5-8.

Book Number BR018029

Astronaut Handbook

McCarthy, Meghan.

Braille

English

Prepares would-be astronauts by explaining what's expected of the scientists, pilots, and engineers who travel into space. Discusses the mental and physical preparations and describes how astronauts eat, use the toilet, and bathe without gravity. PRINT/BRAILLE. For grades K-3. 2008.

Book Number BR018011

Touch the Invisible Sky: A Multi-Wavelength Braille Book Featuring Tactile NASA Images

Grice, Noreen.

Braille

Discusses the Sun, the star Eta Carinae, the Crab nebula, the Kepler Supernova remnant, and the Whirlpool and Antennae galaxies. Describes the Chandra X-ray telescope and the Spitzer and Hubble space telescopes, which captured images of these celestial objects. Includes tactile photographs. PRINT/BRAILLE. For grades 4-7 and older readers. 2007.

Book Number BR012146

The Hubble Space Telescope

Sipiera, Diane M.

Braille

Presents a brief history of telescopes. Explains the development of the Hubble Space Telescope, how it was placed in orbit, the repairs made to it by astronauts, and the advantages of the information it transmits back to Earth. For grades 3-6.