



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 5

Things That Go Bump in the Night - Weird Stuff in the Universe

Bundle up, it's getting cold outside, and Josh has a telescope set up. Let's see what we can find, right from his backyard! Learn more about the Seven Sisters of Pleiades, Pegasus, and black holes as we observe the night sky.

Supporting Activities/ Resources

- NASA Knows! (Grades K-4) series. [What Is a Black Hole? | NASA](#)
- "Reach for the Stars: Touch, Look, Listen, Learn" is a free downloadable e-book for iPads that brings astronomy within reach through sound, captioning and tactile overlays. Designed for students in grades 4 to 8, the e-book's accessibility features allow students who are blind or visually impaired to access the same information as their sighted classmates using the same teaching tool.

- 3D Print a model of the James Webb Telescope (JWST)
<https://nasa3d.arc.nasa.gov/detail/jwst>

Book List (Episode 5) “The Night Kitchen”

Book Number DB062945

Stars and Galaxies

Miller, Ron.

Digital Book

Discusses properties of stars, constellations, and galaxies including the Sun and the Milky Way. Explains the life cycle of a star, the space between the stars, the classification of stars, and theories about the universe.

Includes simple experiments and quick facts. For grades 6-9. 2006.

Book Number DB043615 / BR010036

In the Night Kitchen

Sendak, Maurice.

Digital/ Braille Book

Mickey's dream tumbles him into the night kitchen, where three singing bakers mistake him for milk. Mickey sets them straight and flies to the Milky Way in an airplane made from dough to find milk for the bakers. For grades K-3. A Caldecott Honor Book.

Book Number DB043759

The story of the Milky Way : : a Cherokee tale

Bruchac, Joseph.

Digital Book

Long ago there were not many stars in the sky. And in those days the people depended on corn for most of their food. One day an elderly couple discovers someone has stolen some cornmeal. When the villagers try to stop the thief, their actions result in many more stars to light the night. For grades K-3.

Book Number DB057523

The Orion Nebula where Stars are Born

O'Dell, C. Robert.

Digital Book

Former project scientist for the Hubble space telescope chronicles the technology providing better observation of Earth's nearest nebula, a stellar nursery of collapsing gas and dust from which stars and planets are born. Discusses contributions of seventeenth- to twentieth-century astronomers to modern understanding of stars and the nature of the universe. 2003.

Adult Level

Book Number DB046891

1001 things everyone should know about the universe

Gutsch, William A.

Digital Book

Facts and comments about the solar system, including chapters on the sun, the moon, stars, black holes, and the search for extraterrestrial life. For senior high and older readers.

Book Number DB019858

How did we find out about black holes?

Asimov, Isaac.

Digital Book

Discusses why scientists believe in the existence of black holes, what they are, how they are formed, and how they are detected. For grades 5-8.

Book Number DB032120

Commander Toad and the Big Black Hole

Yolen, Jane.

Digital Book

Commander Toad, brave and bright, commands a tip-top, hip-hop crew aboard the spaceship, "Star Warts," the fastest ship in the star fleet. "Star Warts" encounters a big, black hole in space that threatens the vehicle and crew with doom. For grades K-3 and older readers.