March 22-26, 2021

Grades 6-12

Mar 22

**ANIMALS WITH CAMERAS: A NATURE MIN-SERIES**

*Episode 1*
- Investigating Meerkat Group Behavior with Wave-Based Technologies
- Meerkats: Desert Specialists
- The Spy Penguin

*Episode 2*
- How Jane Goodall Changed the Study of Animal Behavior
- Scientist Profile: Cheetah Conservationist
- Animal Adaptations: Countershading, Camouflage, and Great White Sharks

*Episode 3*
- Field Research with Cameras | Undercover in the Jungle
- Endangered Bears Overcrowding Remaining Habitat
- The Herding Dogs of the United Kingdom

Mar 23

**WEDU ARTS PLUS Episode 824** (Full episode)

**Watch Preview**

In this edition of WEDU Arts Plus, a Lakeland artist gets back to basics, the art of beekeeping, a national museum of African American history, and an artist starts a business.

- MN Original | Ceramicist Ernest Miller
- What's Happening to All the Bees? | Things Explained
- Wood Sculpture: LaVon Williams
- Styles of Visual Art | Artsville
WEDU QUEST Episode 402 (Full episode)

Watch Preview

Fifth graders in Pasco County schools are being introduced to the science of Aviation. Their STEM Mobile Aviation Lab includes flight simulation, 3-D printing, virtual reality and programming drones. A speech pathologist examines the amazing abilities of Tuvan Singers from Siberia. Additive manufacturing and its role in military applications will be examined.

- Challenge of Flight
- Engineer a Jetliner
- RoboBees to the Rescue
- Sensational Singing Mice
- 3D Printing in Space | Mission Control

ILLUSTRATIVE MATH

- Grade 6, Unit 2, Lesson 6: Introducing Double Number Line Diagrams
- Grade 7, Unit 2, Lesson 6: Using Equations To Solve Problems
- Grade 8, Unit 4, Lessons 4 & 5: More Balanced Moves
- Algebra 1, Unit 6, Lesson 2: How Does It Change?

Mar 24

AMERICAN MASTERS: FLANNERY

- American Passages: Southern Renaissance
- Flannery O’Connor

LETTERS FROM BAGHDAD

- Gertrude Bell | PBS World Explorers
- Country Report: Iraq

Mar 25

WEDU ARTS PLUS Episode 314 (Full episode)

Watch Preview

In this episode of WEDU Arts Plus, a team from Clearwater, Florida travels the world building incredible sand sculptures, a classic Jane Austin novel is brought to life with a new musical, a rock star reveals his first love, and get inspired by art teachers who care.

- Sand: Damon Farmer
- Pride and Prejudice | The Great American Read
- In Tune: What Music Shares with Art | Class Notes
- Arts Program Inspires Students to Strive for Success
**WEDU QUEST Episode 501** (Full episode)

**Watch Preview**

On this episode of WEDU Quest, Science fiction writer Ben Bova tells us how he uses real science to write his fiction, providing digital access for students in a rural community, creating bioretention gardens to fight urban flooding and taking a virtual tour on dementia and Alzheimer’s disease

- **Star Trek at 50: Science Fiction or Science Fact? | STEM in 30**
- **The Lowdown | What Is Net Neutrality and What Will the Internet Look Like Without It? Lesson Plan**
- **Reducing the Impacts of Flooding** (Interactive Game)
- **MN Original | Giving Voice Chorus**

**ILLUSTRATIVE MATH**

- **Grade 6, Episode 3, Unit 2, Lessons 8 & 9: How Much For One? And Constant Speed**
- **Grade 7, Unit 2, Lesson 7: Comparing Relationships With Tables**
- **Grade 8, Unit 4, Lessons 9 & 10: When Are They The Same?**
- **Algebra 1, Episode 6, Unit 6, Lesson 3: Building Quadratic Functions From Geometric Patterns**

**Mar 26**

**GENIUS BY STEPHEN HAWKING:**

- **Where Did the Universe Come From?**
  - Hubble Telescope: Looking Deep

- **What Are We?**
  - **What Are We? Lesson Plan | Genius by Stephen Hawking**
  - The Building Blocks of Life
  - Human Evolution
  - What Is the Evidence for Evolution?
  - Life’s Rocky Start | The Miller-Urey Experiment
  - How Long?

- **Who Are We?**
  - Solar Eclipses Explained
  - Eclipses | Crash Course Astronomy
  - Distances | Crash Course Astronomy
  - The Milky Way | Crash Course Astronomy