Monday, July 13

- **9 am: OSIRIS-REx: Countdown to Launch**
  Follow a team of scientists and engineers as they design and construct a spacecraft that will visit the asteroid Bennu.
  [Related Resource](#) (Engineering, Grades 6-8)

- **9:30 am: SciGirls: Turtle Mania**
  Izzie straps on her waders with Annie and her friends to make a local wetland more attractive to turtles. After conducting a turtle population study, the girls design a turtle basking platform, applying technology, design and engineering skills.
  [Related Resource](#) (Engineering, Grades 6-8)

- **10 am: Sinking Cities: Miami**
  Discover how engineers and planners might protect Miami from rising seas and violent storms.
  [Related Resource](#) (Engineering, Grades 6-8)

- **11 am: NOVA: Mystery of Easter Island**
  A team of scientists and volunteers test a theory on how the ancient stone statues were moved, using a 15-ton replica.
  [Related Resource](#) (Engineering, Grades 6-12)

- **12 pm: Nazi Mega Weapons: The V1: Hitler's Vengeance Missile**
  In retaliation for devastating Allied bombing raids on German cities, Hitler orders the development of a groundbreaking weapon—the V1.
  [Related Resource](#) (Engineering, Grades 9-12)

- **1 pm: Breakthrough: The Ideas That Changed the World: The Telescope**
  Meet the brilliant minds throughout history, from Galileo to Edwin Hubble, who were responsible for creating the telescope. Today, their invention allows humanity to reach the furthest limits of seeing: 13-billion light-years out.
  [Related Resource](#) (Engineering, Grades 6-12)
9 am: NOVA: Prediction by the Numbers
With the explosion of digital technology, the Internet, and “big data,” the science of forecasting is flourishing, but why do some predictions succeed spectacularly while others fail abysmally? And how can we find meaningful patterns amid chaos and uncertainty?
Related Resource
(Math, Grades 9-12)

10 am: Changing Seas: The Cordell Bank: A National Treasure
Explore the Cordell Bank, a magical underwater island that is an ecological hot spot for marine life—attracting birds, sea turtles, and marine mammals from thousands of miles away.
Related Resource
(Science, Grades 6-8)

10:30 am: Changing Seas: Sponges: Oldest Creatures in the Sea?
See how recent DNA research has cast doubt on the theory that sponges were the first animals to branch off the “animal tree of life,” a kind of family tree for all living and extinct animals on Earth.
Related Resource
(Science, Grades 9-12)

11 am: The Human Spark
Examine the formative role of art and the creative imagination in the forging of humanity.
Related Resource
(Social Studies, Grades 6-12)

12 pm: Africa's Great Civilizations, Episode 4: Cities
From 1000 to 1600, commerce, wealth, and prosperity expanded across Africa, building new cities and founding new powerful states that mark this golden age.
Related Resource
(Social Studies, Grades 6-9)

1 pm: The African Americans: Many Rivers to Cross, Episode 4: Making a Way Out of No Way (1897-1940)
Black Americans search for opportunities in the North and the West, while black arts and culture grow in spite of Jim Crow.
Related Resource
(Social Studies, Grades 6-12)
Wednesday, July 15

- **9 am: NOVA: Bigger Than T. rex**
  Follow a twisting trail of clues, from a desert cave in Morocco to a German castle during World War II, to uncover the secrets of Spinosaurus, the biggest and most fearsome predator of all time.
  Related Resource
  (Supporting Claims with Evidence, Grades 6-8)

- **10 am: History Detectives**
  The team investigates a patent that may be related to the Manhattan Project and an old shipwreck off the Oregon coast.
  Related Resource
  (Supporting Claims with Evidence, Grades 6-12)

- **11 am: The Windermere Children (90 min)**
  Child survivors of the Holocaust are brought to an estate near England’s Lake Windermere to recuperate with the help of volunteer therapists.
  Related Resource
  (Social Studies, Grades 9-12)

- **12:30 pm: GI Jews: Jewish Americans in World War II (90 min)**
  Discover the story of the 550,000 brave Jewish Americans who served in World War II.
  Related Resource
  (Social Studies, Grades 10-12)
Thursday, July 16

- **9 am: Nature: Forest of the Lynx**
  See how the forest of Kalkalpen National Park in the Austrian Alps has regenerated after being abandoned and unmanaged by man for close to a quarter of a century.
  [Related Resource](Science, Grades 6-12)

- **10 am: NOVA: Rise of the Rockets**
  Explore the latest rocket technologies and the growing role that private citizens may play in space.
  [Related Resource](Engineering, Grades 6-8)

- **11 am: The Windermere Children: In Their Own Words**
  This powerful documentary reveals a little-known story of 300 young orphaned Jewish refugees who began new lives in England’s Lake District in the summer of 1945.
  [Related Resource](Social Studies, Grades 9-12)

- **12 pm: Latino Americans, Episode 3: War and Peace (1942-1954)**
  During World War II, hundreds of thousands of Latino Americans served their new country yet still faced discrimination and a fight for civil rights back in the United States.
  [Related Resource](Social Studies, Grades 6-12)

- **1 pm: The African Americans: Many Rivers to Cross, Episode 5: Rise! The Road to Civil Rights (1940-1968)**
  Blacks returning from World War II continue to face racial violence on the homefront; Rosa Parks refuses to give up her seat on a city bus in 1955; Martin Luther King Jr. promotes a nonviolent approach to integrate blacks and whites.
  [Related Resource](Social Studies, Grades 6-12)
Friday, July 17

- **9 am: SciGirls: Insulation Station**  
  Greta and her sixth-grade pals use passive solar heat and bubble-wrap insulation to warm up an ice shanty on a frozen Minnesota lake.  
  [Related Resource](https://example.com)  
  (Engineering, Grades 6-8)

- **9:30 am: SciGirls: Puppet Power**  
  Izzie joins Anna and her friends to engineer a giant pig puppet for a May Day parade, complete with blinking eyes and a twirling tail.  
  [Related Resource](https://example.com)  
  (Engineering, Grades 6-8)

- **10 am: Nature: Sex, Lies and Butterflies**  
  Look beyond their bright colors and fragile beauty to explore the 360-degree vision, deceptive camouflage, and chemical weaponry of butterflies, and follow them on one of the greatest migrations on Earth.  
  [Related Resource](https://example.com)  
  (Science, Grades 6-8)

- **11 am: Masterpiece: Les Misérables, Part 1**  
  After serving a draconian prison term for stealing bread, Jean Valjean is released. He resorts to petty crime, but Bishop Myriel teaches him a valuable lesson.  
  [Related Resource](https://example.com)  
  (ELA, Grades 9-12)

- **12 pm: Masterpiece: Les Misérables, Part 2**  
  Living respectably as a provincial mayor and factory owner, Valjean hires the single mother Fantine. Trouble follows that reunites him with his old adversary, Javert.  
  [Related Resource](https://example.com)  
  (ELA, Grades 9-12)

- **1 pm: Masterpiece: Les Misérables, Part 3**  
  Valjean saves an innocent man at enormous personal cost. Again evading justice, he tracks down Fantine's daughter, Cosette. Pursued by Javert, they need a miracle to escape.  
  [Related Resource](https://example.com)  
  (ELA, Grades 9-12)