

Instructions for Podcast viewing

1. The podcasts are divided into three categories. Select TWO from each category for viewing. (Please note: You must view the podcast designated as REQUIRED in category C in addition to one other from that category)
2. After viewing each podcast, write an essay that includes answers to the following questions:
 - a. What new information did you learn?
 - b. What is significant about this information? (Why is this information important?)
 - c. What do we do with this information? (Where do we go from here?)

Category A (Select 2 for viewing)

Aaron O'Connell: Making Sense of a Visible Quantum Object

www.ted.com/talks/view/id/1160

Anna Levin: The Sound the Universe Makes

www.ted.com/talks/view/id/1095

Brian Greene on String Theory

www.ted.com/talks/view/id/251

Patricia Burchat Sheds Light on Dark Matter

www.ted.com/talks/view/id/326

Debate: Does the World Need Nuclear Energy?

www.ted.com/talks/view/id/881

Sean Carroll on the Arrow of Time (Part 1)

www.ted.com/talks/view/id/774

Sean Carroll on the Arrow of Time (Part 2)

www.ted.com/talks/view/id/778

Bill Gates on Energy: Innovating to Zero

www.ted.com/talks/view/id/767

Andrea Ghez: The Hunt for a Supermassive Black Hole

www.ted.com/talks/lang/eng/andrea_ghez_the_hunt_for_a_supermassive_black_hole.html

Sean Carroll: Distant Time and the Hint of a Multiverse

www.ted.com/talks/lang/eng/sean_carroll_distant_time_and_the_hint_of_a_multiverse.html

Category B (Select 2 for viewing)

Brian Cox on CERN's Supercollider and Brian Cox and Brian Cox-What Went Wrong at LHC

www.ted.com/talks/lang/eng/brian_cox_on_cern_s_supercollider.html

www.ted.com/talks/lang/eng/brian_cox_what_went_wrong_at_the_lhc.html

Beau Lotto: Optical Illusions Show How We See

www.ted.com/talks/lang/eng/beau_lotto_optical_illusions_show_how_we_see.html

Eric Giler Demos Wireless Electricity

www.ted.com/talks/view/id/619

Anil Ananthaswamy: What It Takes to do Extreme Astrophysics

www.ted.com/talks/view/id/1129

Angela Belcher: Using Nature to Grow Batteries

www.ted.com/talks/view/id/1133

Ed Boyden: A Light Switch for Neurons

www.ted.com/talks/view/id/1146

Peter Tyack: The Intriguing Sound of Marine Animals

www.ted.com/talks/view/id/886

Edith Widder: Glowing Life in an Underwater World

www.ted.com/talks/view/id/833

Steven Cowley: Fusion is Energy's Future

www.ted.com/talks/view/id/718

Tom Shannon: The Painter and the Pendulum

www.ted.com/talks/tom_shannon_thePainter_and_the_pendulum.html

Category C (Select 1 for viewing in addition to the one designated required)

William Kamkwamba: How I Harnessed the Wind (REQUIRED VIEWING)

www.ted.com/talks/view/id/642

Julian Treasure: The 4 Ways Sound Affects Us

www.ted.com/talks/view/id/660

Evan Grant: Making Sound Visible

www.ted.com/talks/view/id/626

Josh Silver Demos Adjustable Liquid-Filled Eyeglasses
www.ted.com/talks/view/id/623

Ann Marie Thomas: Hands on Science Squishy Circuits
www.ted.com/talks/view/id/1111

John LaGrou Plugs Smart Power Outlets
www.ted.com/talks/view/id/566

Ray Gould and Curtis Wong Preview the Worldwide Telescope
www.ted.com/talks/lang/eng/roy_gould_and_curtis_wong_preview_the_worldwide_telescope.html