

# TED Ed

## How to access the videos:

- Go to <http://ed.ted.com/>
- Enter the name of the video in the search box.

**Note:** Each lesson comes with questions on the right side

## Arts (Visual)

- The Amazing Math in Da Vinci's 'Vitruvian Man'
- Andy Warhol, Campbell's Soup Cans: Why Is This Art?
- Brief History of Graffiti
- Brief History of Religion in Art
- Bringing a Pop-up Book to Life
- The Case for Andy Warhol
- Cave Paintings
- The Chaotic Brilliance of Artist Jean-Michel Basquiat
- Complex Geometry and Islamic Design
- The Dawn of Art
- Doodlers Unite
- Eye vs. Camera
- Frida Kahlo: The Woman Behind the Legend
- Gyotaku: The Ancient Japanese Art of Printing Fish
- The History of Graffiti
- The History of Tattoos
- How Ancient Art Influenced Modern Art
- How Art Can Help You Analyze
- How One French Poet Combined Poetry and Visual Art
- Inside a Cartoonist's World
- Is There a Difference Between Art and Craft
- The Many Meanings of Michelangelo's Statue of David
- Math and Van Gogh
- The Mathematics of Sidewalk Illusions
- My Cat Could Make That (What Is Abstract Expressionism?)
- Taking Imagination Seriously
- What Color is Tuesday? Exploring Synesthesia
- What Is Color?
- What Is Minimalist Art and Why Does It Matter?

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Psychology  
Sciences  
Social Studies/World Cultures  
Spanish  
Special Education  
U.S. History

- Who Decided What Art Means
- Why Babies in Medieval Paintings Look Like Ugly Old Men
- Why Is This Painting So Captivating? (*Girl with the Pearl Earring*)
- Why Is This Painting So Captivating? (*Las Meninas*)
- Why Is This Painting So Shocking? (*Guernica*)

### Arts (Music)

- A Different Way to Visualize Rhythm
- Animation Basics: The Art of Timing and Spacing
- A-rhythm-etic. The Math Behind the Beats
- Beatboxing 101
- A Brief History of Goths
- Earworms: Those Songs That Get Stuck in Your Head
- From Aaliyah to Jay-Z: Captured Moments in Hip-Hop History
- How Bass Instruments Work
- How Playing an Instrument Benefits Your Brain
- How to Practice Effectively
- How to Read Music
- Johann Sebastian Bach' Life
- Music and Creativity in Ancient Greece
- Music and Emotion Through Time
- Music and Math: The Genius of Beethoven
- Music as a Language
- The Physics of Playing a Guitar
- The Secrets of Mozart's Magic Flute
- Why You Should Listen to Vivaldi's *Four Seasons*
- Why We Love Repetition in Music

### Arts (Theatre)

- Development of English Drama
- Did Shakespeare Write His Plays?
- Does the Wonderful Wizard of Oz Have a Hidden Message?
- The History of Social Dance
- In on a Secret? That's Dramatic Irony
- Shakespeare's Best Insults
- Kabuki: The People's Dramatic Art
- Poetry, Pentameter, Pirates (Shakespeare & Iambic Pentameter)
- The Science of Stage Fright (and How to Overcome It)
- Shakespearean Dating Tips
- Slowing Down Time (in Writing & Film)
- What's the Definition of Comedy?
- Why Is Aristophanes Called the Father of Comedy?
- Why Is This Painting So Captivating? (*Las Meninas*)
- Why Shakespeare Loved Iambic Pentameter
- Why Tragedies Are Alluring?

## **Community Service**

- Recycling Styrofoam

## **Counseling**

- Addiction
- Are You a Giver or a Taker?
- Are You a Good Listener?
- The Distracted Mind
- Does School Prepare Students for the Real World
- Debunking the Myths of OCD
- The Equation for Reaching Your Dreams
- Five Tips to Improve Critical Thinking
- Five Ways Social Media Is Changing Your Brain Right Now
- Five Ways You Can Help a Friend Suffering from Depression
- Friendships and Vulnerability
- Grit: The Power of Passion and Perseverance
- Good and Bad Childhoods
- Growth Mindset vs. Fixed Mindset: An Introduction
- How Does Stress Affect the Brain?
- How I Learned to Organize My Scatterbrain
- How Miscommunication Happens (and How to Avoid It)
- How to Be Confident
- How to Be More Empathetic
- How to Manage Your Time More Effectively
- How to Practice Effectively
- How to Stay Calm Under Pressure
- How to Stop Being Bored and Start Being Bold
- How to Talk to People You Disagree With
- Is Binge-Watching Bad for You?
- J.K. Rowling on the Importance of Failing
- Learning to Listen
- Manners
- Overcoming Obstacles
- The Science of Decision-Making
- Seven Healthy Tips for a Better Night's Sleep
- A Simple Way to Break a Bad Habit
- Stay in--or Leave--a Relationship?
- The Surprising Link Between Stress and Memory
- Teach Girls Bravery Not Perfection
- Three Quick Tips to Boost Your Confidence
- What Causes Addiction
- What Is Bipolar Disorder?
- What Is Depression?
- What Is Empathy?

- What Trying to Help My Friend Taught Me About Mental Health
- What You Can Do When Friendship Becomes Harmful
- Why Do People Join Cults?
- Why Do We Make Irrational Decisions?
- Why Perfect Grades Don't Matter
- Why We Fear the Wrong Things

### **Debate**

- Are Boys Smarter Than Girls?
- Is There a Limit to Technological Progress?
- The Lost Art of Democratic Debate
- Private School vs. Public School
- The Pros and Cons of Pesticides
- Should We Get Rid of Standardized Testing?
- Should We Look for Life Elsewhere in the Universe?
- Would You Sacrifice One Person to Save Five?

### **Design/Technology**

- Animal Architects
- Animation Basics: Homemade Special Effects
- Animation Basics: The Optical Illusion of Motion
- A Brief History of Video Games (Part I)
- Building the Brooklyn Bridge
- Can Machines Read Your Emotions?
- Can a Robot be Creative?
- How a Bendy Straw Was Invented
- How an Igloo Keeps You Warm
- How Blue Jeans Were Invented
- How Cars Went from Boxy to Curvy
- How Computer Memory Works
- How Computers Translate Human Language
- How Do Hard Drives Work?
- How Do Self-Driving Cars See?
- How Do Touchscreens Work?
- How Fan Films Shaped the Lego Movie
- How Far Can We Go?
- How the Band-Aid was invented?
- How the Popsicle Was Invented
- How the Romans Flooded the Colosseum for Sea Battles
- How the Rubber Glove was Invented
- How the Sandwich Was Invented
- How Smudge-proof Lipstick Was Invented
- How Superglue Was Invented
- How a TV Works in Slow Motion
- How Was the First Metro System Built?

- Inside Your Computer
- Is Google Killing Your Memory?
- Is It Possible to Create a Perfect Vacuum?
- A Life-Saving Device That Detects Heart Attacks
- Magnetic Slime
- Meet a 12-year-old App Developer
- Nine Futuristic Materials
- The Power of Creative Constraints
- Teaching Design for Change
- Ten Dangerous Fashion Trends
- Think Like a Coder (Series)
- This One Weird Trick Will Help You Spot Clickbait
- What Are Mini Brains?
- What If Cracks in Concrete Could Fix Themselves?
- What Is the Internet of Things?
- What Is a Smartphone Made of?
- What Is the World Wide Web?
- What's So Special About Viking Ships?
- Will We Ever Be Able to Teleport?
- Will There Ever Be a Mile-High Skyscraper?

## French

- History vs. Napoleon Bonaparte
- What Caused the French Revolution?

## Language & Literature

**Note:** *There are several poems from the “There’s a Poem for That” series in this list. They all are identified with the series’ name in parentheses after the title.*

- Accents (There’s A Poem for That series)
- All the World Is a Stage (There’s a Poem for That series)
- An Antihero of One’s Own
- Animal Farm – Context and Background
- The Art of the Metaphor
- The Assassination of Julius Caesar
- The Aztec Myth of the Unluckiest Sun God
- Become a Slam Poet in Five Steps
- Beware of Nominalizations (AKA Zombie Nouns)
- A Brief History of Plural Word
- The Cambodian Myth of Thunder, Lightning, and Rain
- The Case of a Misplaced Modifier
- The Chinese Myth of the Immortal White Snake I & 2
- Comma Story
- The Clues to a Great Story
- Dare to Educate Afghan Girls
- Does Grammar Matter?

- Does the Wonderful World of Oz Have a Hidden Message?
- Everything You Need to Know to Read *The Canterbury Tales*
- Everything You Need to Know to Read *Frankenstein*
- Everything You Need to Know to Read *The Odyssey*
- The Evolution of the Book
- First Kiss (There's A Poem for That series)
- Five Myths from Around the World
- For Estefani, Third Grade, Who Made Me a Card (There's A Poem for That series)
- Francine's Interview – Holocaust Survivor
- A Global Culture to Fight Extremism
- Grammar's Great Divide: The Oxford Comma
- Harry Potter and the Translator's Nightmare
- Hero: A Lesson from a Volunteer Firefighter
- A Host of Heroes
- How Can You Change Someone's Mind?
- How Did English Evolve?
- How Did Hitler Rise to Power?
- How Do Languages Evolve?
- How False News Can Spread
- How Fiction Can Change Reality
- How the Heart Actually Pumps Blood
- How Many Verb Tenses Are There in English?
- How Miscommunication Happens
- How Misused Modifiers Can Hurt Your Writing
- How to Build a Fictional World
- How to Make Your Writing Suspenseful
- How Many Verb Tenses Are There in English?
- How to Recognize a Dystopia
- How Thor Got His Hammer
- How to Use Rhetoric to Get What You Want
- How to Use a Semicolon
- How to Write Fiction That Comes Alive
- Insults by Shakespeare
- The Irish Myth of the Giant's Causeway
- Is There Any Truth to King Arthur's Legends?
- The Key to Media's Hidden Codes
- Lessons from Auschwitz: The Power of Our Words
- The Magic, Mathematical Fictions of Jorge Luis Borges
- To Make Use of Water (There's a Poem for That series)
- Making Sense of Spelling
- Mining Literature for Deeper Meanings
- Misleading Headlines
- The Myth of Arachne
- The Myth of Cupid and Psyche

- The Myth of Hercules
- The Myth of Icarus and Daedalus
- The Myth of Jason & the Argonauts
- The Myth of King Midas and His Golden Touch
- The Myth of Oisín and the Land of Eternal Youth
- The Myth of Pandora's Box
- The Myth of Prometheus
- The Myth of Sisyphus
- The New Colossus (There's a Poem for That series)
- The Nutritionist There's a Poem for That series)
- Ode to the Only Black Kid in Class (There's a Poem for That series)
- The Opposites Game (from There's a Poem for That series)
- Plato's Allegory of a Cave
- Plato's Best and Worst Ideas
- A Poetic Experiment: Walt Whitman Interpreted by Three Animators
- The Poetry of Emily Dickenson
- The Poet Who Painted with Words
- The Power of a Great Introduction
- The Power of Simple Words
- The Punishable Perils of Plagiarism
- Ralph Waldo Emerson and the Beauty of the Everyday
- A Refresher on Edgar Allan Poe
- The Road Not Taken (There's a Poem for That series)
- The Science Behind the Myth: Homer's "Odyssey"
- The Secret Student Resistance to Hitler
- The Second Coming (There's a Poem for That series)
- Situational Irony: The Opposite of What You Think
- Speech Acts: Constative and Performative (Power of Words)
- Thor's Journey to the Land of Giants
- Three Anti-Social Skills to Improve Your Writing
- Three Months After (There's a Poem for That series)
- Titan of Terror: The Dark Imagination of H.P. Lovecraft
- To Make use of Water (There's a Poem for That series)
- The Tragic Myth of Orpheus and Eurydice
- Vampires: Folklore, Fantasy and Fact
- What Aristotle and Joshua Bell Can Teach Us About Persuasion
- What Is an Antihero?
- What Is the Definition of Comedy?
- What Is Verbal Irony?
- What Makes a Hero?
- What Makes a Poem a Poem?
- What Makes Something Kafkaesque?
- What "Orwellian" Really Means

- [http://www.ted.com/playlists/75/what\\_s\\_wrong\\_with\\_what\\_we\\_eat](http://www.ted.com/playlists/75/what_s_wrong_with_what_we_eat) (This playlist comprises regular TED videos that you may find useful for the *Chew on This* unit.)
- When to Use Apostrophes
- When to Use Me, Myself, and I?
- Where Do New Words Come From?
- Who Am I?
- Who Is Sherlock Holmes?
- Who Were the Vestal Virgins?
- Why Facts Don't Convince People
- Why Should You Read Charles Dickens?
- Why Should You Read *Crime and Punishment*?
- Why Should you Read *Don Quixote*?
- Why Should You Read Edgar Allan Poe?
- Why Should You Read *Fahrenheit 451*?
- Why Should You Read the *Handmaid's Tale*?
- Why Should You Read Kurt Vonnegut?
- Why Should You Read *Macbeth*?
- Why Should You Read *A Midsummer's Night Dream*?
- Why Should You Read *One Hundred Years of Solitude*?
- Why Should You Read Sylvia Plath?
- Why Should You Read *The Tempest*?
- Why Should You Read *Waiting for Godot*?
- Why Should You Read *War and Peace*?
- Why Should You Read Sci-Fi Superstar Octavia F. Butler?
- The Wicked Wit of Jane Austen
- Will the Real Sherlock Holmes Please Stand Up?
- The World According to James Baldwin
- The World's Most Mysterious Book

### **Logic & Reasoning (Riddles)**

- Can You Find the Next Number in This Sequence?
- Can You Outsmart This Logical Fallacy?
- Can You Solve the Airplane Riddle?
- Can You Solve the Alien Probe Riddle?
- Can You Solve the Bridge Riddle?
- Can You Solve the Buried Treasure Riddle?
- Can You Solve the Control Room Riddle?
- Can You Solve the Counterfeit Coin Riddle?
- Can You Solve the Cuddly, Duddly, Fuddly, Wuddly Riddle?
- Can You Solve the Dark Coin Riddle?
- Can You Solve the Egg Drop Riddle?
- Can You Solve Einstein's Riddle?
- Can You Solve the False Positive Riddle?
- Can You Solve the Fish Riddle?



- Can You Solve the Frog Riddle?
- Can You Solve the Giant Cat Army Riddle?
- Can You Solve the Giant Iron Riddle?
- Can You Solve the Jail Break Riddle?
- Can You Solve the Killer Robo-Ants Riddle?
- Can You Solve the Leonardo da Vinci Riddle?
- Can You Solve the Locker Riddle?
- Can You Solve the Mondrian Squares Riddle?
- Can You Solve the Multiplying Rabbits Riddle?
- Can You Solve the Multiverse Rescue Mission Riddle?
- Can You Solve the Passcode Riddle?
- Can You Solve the Penniless Pilgrim Riddle?
- Can You Solve the Pirate Riddle?
- Can You Solve the Prisoner Box Riddle?
- Can You Solve the Prisoner Hat Riddle?
- Can You Solve the Rebel Supplies Riddle?
- Can You Solve the River Crossing Riddle?
- Can You Solve the Rogue AI Riddle?
- Can You Solve the Secret Werewolf Riddle?
- Can You Solve the Seven Planets Riddle?
- Can You Solve the Stolen Rubies Riddle?
- Can You Solve the Temple Riddle?
- Can You Solve the Three Gods Riddle?
- Can You Solve the Time Travel Riddle?
- Can You Solve the Troll's Paradox Riddle?
- Can You Solve the Unstoppable Blob Riddle?
- Can You Solve the Vampire Hunter's Riddle?
- Can You Solve the Wizard Standoff Riddle?
- Fire Crystal Riddle
- Winning at Rock, Paper, Scissors

## **Mathematics**

- A-rhythm-etic. The Math Behind the Beats
- A Brief History of Banned Numbers
- A Brief History of Numerical Systems
- Can You Solve This?
- The Case of the Missing Fractals
- Check Your Intuition: The Birthday Problem
- The Complex Geometry of Islamic Design
- The Coin Flip Conundrum
- Da Vinci's Vitruvian Man of Math
- The Famously Difficult Green-Eyed Logic Puzzle
- A Faster Way to Add and Multiply in Your Head
- The Fundamentals of Probability
- How Big Is Infinity?

- How High Can You Count on Your Fingers?
- How the Konigsberg Bridge Problem Changed Mathematics
- How Many Ways Are There to Prove the Pythagorean Theorem?
- How Many Ways Can You Arrange a Deck of Cards?
- How Statistics Can Be Misleading
- How to Make a Hexaflexagon
- How to Prove the Pythagorean Theory
- How to Spot a Misleading Graph
- How to Visualize One Part Per Million
- The Infinite Hotel Paradox
- The Infinite Life of Pi
- Is Math Discovered or Invented?
- Is Our Climate Headed for Mathematical Chaos?
- The Last Banana: A Thought Experiment in Probability
- Making Sense of Irrational Numbers
- The Math Behind Michael Jordan's Legendary Hang Time
- The Mathematical Secrets of Pascual's Triangle
- The Mathematics of Sidewalk Illusions
- Mile of Pi - Numberphile
- Music and Math: The Genius of Beethoven
- Mysteries of Vernacular: Zero
- Pixar: The Math Behind the Movies
- Population Pyramids: Powerful Predictors of the Future
- Riemann's Paradox: Pi Equals Infinity Minus Infinity
- Should I Stay or Should I Switch Doors?
- SpongeBob's house is not a pineapple (Fibonacci Numbers)
- A Trip Through Space to Calculate Distance
- The Unexpected Math Behind Van Gogh's "Starry Night"
- Welcome to the Virus Riddle
- What Are Vectors?
- What's an Algorithm?
- What's the Difference Between Accuracy and Precision?
- Where Do Math Symbols Come From?
- Why Are Manhole Covers Round?
- Why Can't You Divide by Zero?
- Why Does Math Make So Many People Anxious?
- Why Do People Get So Anxious About Math?
- Why Do Honeybees Love Hexagons?
- Why the Metric System Matters
- Why You Can't Divided by Zero

## **Philosophy**

- Are We Living in a Simulation?
- Are You a Mind with a Body or a Body with a Mind?
- Does Time Exist?

- The Philosophy of Stoicism

### **Physical & Health Education**

- An Athlete Uses Physics to Shatter World Records
- Are Food Preservatives Bad for You?
- The Benefits of a Good Night's Sleep
- The Benefits of Good Posture
- The Complicated History of Surfing
- Could We Cure Aging During Your Lifetime?
- The Different Types of Fats
- Does Stress Cause Pimples?
- Do Fad Diets Work?
- The Effects of Sleep Deprivation
- Eradicating HIV
- The Fascinating Science of Phantom Limbs
- Five Ways Social Media Is Changing Your Brain
- Five Weird Involuntary Reflexes Explained!
- The Heartbreaking Text That Inspired a Crisis Help Line
- The History of the Black Fives Era in Basketball
- How Anesthesia Works
- How Aspirin Was Discovered?
- How Blood Pressure Works
- How Close Are We to Eradicating HIV?
- How Concussions Work
- How Do Blood Transfusions Work?
- How Do Cigarettes Affect the Body?
- How Does Asthma Work?
- How Does Caffeine Keep Us Awake?
- How Does Sugar Affect the Brain?
- How Does Your Body Know You're Full?
- How Does Your Body Process Medicine?
- How Does Your Digestive System Work?
- How Does Your Heart Pump Blood?
- How Does Your Liver Work?
- How Does Your Pancreas Work?
- How Does Your Thyroid Manage Your Metabolism?
- How Do Drugs Affect the Brain?
- How Do Glasses Help You See?
- How Do Vaccines Work?
- How Do Viruses Jump from Animals to Humans?
- How Do Vitamins Work?
- How Do We Study Living Brains?
- How Do Wounds Heal?
- How Do You Get Rid of Acne?
- How Do Your Kidneys Work?

- How Do Your Lungs Work?
- How Fast Can Humans Go?
- How the Food You Eat Affects Your Brain
- How the Food You Eat Affects Your Gut
- How Hormones Work
- How Microbes Form Communities
- How Much Water Do We Need to Drink?
- How Mucus Keeps Us Healthy
- How Old Are Your Ears? (This is a hearing test that requires earphones connected to a computer set at 1080p.)
- How One Scientist Averted a National Health Crisis
- How Oxygen Travels Through the Body
- How Playing Sports Benefits Your Body and Brain
- How Old Is Your Body Really?
- How to Practice Effectively
- How Stress Affects the Brain
- How Sugar Affects the Brain
- How to Biohack Your Cells to Fight Cancer
- How to Choose a Sunscreen
- How to Eradicate a Disease
- How to Help a Friend Suffering from Depression
- How X-rays See Through Your Skin
- How to Grow a Bone
- How to Practice Effectively
- How Your Immune System Works
- How Your Muscular System Works
- Is It Bad to Hold Your Pee?
- Is Marijuana Bad for Your Brain?
- Is Radiation Dangerous?
- Lead and the Brain
- The Mysterious Science of Pain
- The Neuroscience of Pokemon Go
- Protecting the Brain Against Concussion
- Sickle Cell Disease
- The Surprising Cause of Stomach Ulcers
- The Surprising Reason Muscles Get Tired
- The Surprising Reason You Feel Awful When You're Sick
- The Tortuous History of the Treadmill
- 23 and 1/2 Hours
- Your Body vs. Implants
- What Are Carbohydrates?
- What Are Those Floaty Things in Your Eyes?
- What Causes Addiction
- What Causes Antibiotic Resistance?
- What Causes Bad Breath?

- What Causes Baldness?
- What Causes Body Odor?
- What Causes Cavities?
- What Causes Headaches?
- What Causes Kidney Stones?
- What Causes Memory Loss?
- What Did Dogs Teach Humans About Diabetes?
- What Does Your Thyroid Do?
- What Happens During a Heart Attack?
- What Happens During a Stroke?
- What Happens When You Get Heat Stroke?
- What Happens When You Have a Concussion?
- What Herpes Can Do to Your Brain
- What Is a Calorie?
- What Is Alzheimer's Disease?
- What Is Depression?
- What is Ebola?
- What Is Fat?
- What Is It Like to Have Tourette's---and How Music Gives Me Back Control?
- What's the Big Deal with Gluten?
- What Is the Menstrual Cycle?
- What Is Narcissism?
- What Is Obesity?
- What Makes Muscles Grow
- What Would Happen If You Didn't Drink Water?
- What Would Happen If You Didn't Sleep?
- Why Do Blood Types Matter?
- Why Do Our Joints Pop?
- Why Do We Age?
- Why Do We Dream?
- Why Do We Hiccup?
- Why Do We Itch?
- Who Do We Make Irrational Decisions?
- Why Do We Pass Gas?
- Why Do We Sweat?
- Why Do Women Have Periods?
- Why Do You Need to Get a Flu Shot Every Year?
- Why Is Being Scared So Fun?
- Why Is the Human Body Asymmetrical?
- Why Is Meningitis So Dangerous?
- Why Is It So Hard to Cure ALS?
- Why Is It So Hard to Cure Cancer?
- Why It's So Hard to Cure HIV/AIDS
- Why Sitting Is Bad for You
- Why Some People Have Seasonal Allergies

- The World's Most Infectious Killer
- Your Body vs. Implants

## Psychology

- Do Politics Make Us Irrational?

## Sciences

**Note:** They have many videos for the individual elements of the periodic table. I did not list them here. To find them, enter the name of the element in the search box to see if one has been made or go to this link <http://ed.ted.com/periodic-videos>

- The 2,400-year Search for the Atom (History of Atomic Theory)
- ABCs of Gas
- The Accident That Changed the World (Discovery of Penicillin)
- Activation Energy: Kickstarting Chemical Reactions
- The Amazing Ways Plants Defend Themselves
- Atoms from A to Easy!
- An Athlete Uses Physics to Shatter World Records
- Are GMOs Good or Bad?
- Are Naked Mole Rats the Strangest Mammals?
- Are We Running Out of Clean Water?
- Attack of the Killer Algae
- At What Moment Are You Dead?
- A Baffling Balloon Behavior
- Biodiesel: The Afterlife of Oil
- Biofuels and Bioprospecting for Beginners
- Birth of the Lightsaber
- The Brilliance of Bioluminescence
- Calculating the Odds of Intelligent Alien Life
- Can Animals Adapt to Climate Change?
- Can a Black Hole Be Destroyed?
- The Cancer Gene We All Have
- Can 100% Renewable Energy Power the World?
- Cannibalism in the Animal Kingdom
- Can Plants Communicate?
- Can You Survive Nuclear Fallout?
- The Carbon Cycle
- Carl Sagan on the Existence of Extraterrestrials
- The Case of the Vanishing Honeybees
- Cell Membranes: Are They More Complicated Than You Think?
- Cell vs. Virus: A Battle for Health
- The Challenges of Nuclear Power
- Climate Change: Earth's Giant Game of Tetris
- Cloudy Climate Change: How Clouds affect Earth's Temperature
- The Coelacanth: A Living Fossil of a Fish
- The Colossal Consequences of Supervolcanoes

- The Complicated Journey of Marine Plastic Pollution
- Conserving Our Spectacular, Vulnerable Coral Reefs
- Coral Reefs Aren't as Doomed as You Think
- Could a Blind Eye Regenerate?
- Could the Earth Be Swallowed by a Black Hole?
- Could Human Civilization Spread Across the Whole Galaxy?
- Could You Survive 2.5 Million Years Ago?
- Could Underwater Farms Help Fight Climate Change?
- Could We Create Dark Matter?
- Could We Survive in Outer Space?
- Crazy Pool Vortex
- Creatures of the Deep
- Dark Matter: The Matter We Can't See
- Dead Stuff: The Secret Ingredient in Our Food Chain
- The Death of Bees Explained
- The Death of the Universe
- Describing the Invisible Properties of Gas
- Diagnosing a Zombie: Brain and Behavior
- Diagnosing a Zombie: Brain and Body
- Disappearing Frogs
- DNA: The Book of You
- The Dramatic Origins of Germ Theory
- The Dust Bunnies That Built Our Planet
- Einstein's Brilliant Mistake: Entangled States
- Einstein's Twin Paradox Explained
- Einstein's Miracle Year
- Electric Vocabulary
- Eli the Eel: A Mysterious Migration
- Endocrine System - Part 1 (How Hormones Work)
- The Fascinating Science of Phantom Limbs
- Finding Habitable Worlds
- The First Asteroid Ever Discovered
- Five Ways Social Media Is Changing Your Brain
- Football Physics: The "Impossible" Free Kick
- Four Ways to Understand the Earth's Age
- A 40-year Plan for Energy
- Free Falling in Outer Space
- Fresh Water Scarcity: An Introduction to the Problem
- From DNA to Silly Putty, the Diverse World of Polymers
- From Outer Space to Under Our Skin: A Look at the Universe
- From the Top of the Food Chain Down: Rewilding Our World
- The Fundamentals of Space-time: Part 1
- The Fundamentals of Space-time: Part 2
- The Fundamentals of Space-time: Part 3
- The Genius of Marie Curie

- The Genius of Mendeleev's Periodic Table
- Gravity and the Human Body
- A Guide to the Energy of the Earth
- Hawking's Black Hole Paradox Explained
- The Hidden Beauty of Pollination
- The Higgs Field, Explained
- The History of the Barometer
- How Bacteria "Talk"
- How Batteries Work
- How Big Is the Ocean?
- How Brain Parasites Change Their Host's Behavior
- How Breathing Works
- How the Choices You Make Affect Your Genes
- How Clouds Were Named
- How Cosmic Rays Help Us Understand the Universe
- How CRISPR Lets You Edit DNA
- How Deep Is the Ocean?
- How Did Feathers Evolve?
- How Do Animals See in the Dark?
- How Do Cancer Cells Behave Differently from Healthy Ones?
- How Do Crystals Work?
- How Does an Atom-smashing Particle Accelerator Work?
- How Does Cancer Spread?
- How Does Fracking Work?
- How Does Hibernation Work?
- How Does Work . . . Work?
- How Does Your Brain Respond to Pain?
- How Do Fish Make Electricity?
- How Do Germs Spread (and Why Do They Make Us Sick)?
- How Do Nerves Work?
- How Do Schools of Fish Swim in Harmony?
- How Do Solar Panels Work?
- How Do Tornadoes Form?
- How Do We Extract Raw Materials from Nature?
- How Do We Separate the Seemingly Inseparable?
- How Do We Smell?
- How Do We Study Living Brains?
- How Do We Study the Stars?
- How Do Wounds Heal?
- How Far Would You Have to Go to Escape Gravity?
- How Fast Are You Moving Right Now?
- How Folding a Paper Can Get You to the Moon
- How Giant Sea Creatures Eat Tiny Sea Creatures
- How Heavy Is Air?
- How Inventions Change History (for Better and for Worse)



- How I Teach Kids to Love Science
- How Levers Work
- How Life Begins in the Deep Ocean
- How Long Will Human Impacts Last?
- How Many Universes Are There?
- How Memories Form and Why We Lose Them
- How Mendel's Pea Plants Helped Us Understand Genetics
- How Microbes Form Communities
- How Oceanographers Found the Titanic
- How Oxygen Travels Through Your Body
- How Optical Illusions Trick Your Brain
- How Small Are We in the Scale of the Universe?
- How Smart Are Dolphins?
- How Pandemics Spread
- How Plants Tell Time
- How Simple Ideas Lead to Scientific Discoveries
- How Small Are We in the Scale of the Universe?
- How Smart Are Orangutans?
- How Spontaneous Brain Activity Keeps You Alive
- How Squids Outsmart Their Predators
- How Sugar Affects the Brain
- How to Biohack Your Cells and Fight Cancer
- How to Build a Dark Matter Detector
- How to Create Cleaner Coal
- How to Detect a Supernova
- How to Eradicate a Disease
- How to Fly Around the World Without Fuel
- How to Grow a Glacier
- How to Sequence the Human Genome
- How to Speed Up Chemical Reactions (and Get a Date)
- How to Squeeze Electricity Out of Crystals
- How Squids Outsmart their Predators
- How Tornadoes Form
- How to Track a Tornado
- How Tsunamis Work
- How Turtle Shells Evolved
- How We See Color
- How Whales Breathe, Communicate . . . and Fart with Their Faces
- How X-rays See Through Your Skin
- Humans Are More See-Through Than They Look
- If Matter Falls Down, Does Antimatter Fall Up?
- If Molecules Were People
- If Superpowers Were Real: Body Mass
- If Superpowers Were Real: Flight
- If Superpowers Were Real: Immortality

- If Superpowers Were Real: Invisibility
- If Superpowers Were Real: Super Speed
- If Superpowers Were Real: Super Strength
- The Immortal Cells of Henrietta Lacks
- The Incredible Collaboration Behind the International Space Station
- The Insanely Painful Sting of the Bullet Ant
- Inside the Amazing Octopus Brain
- Inside the Ant Colony
- Inside the Minds of Animals
- Insights into Cell Membranes Via Dish Detergent
- Invasive Species
- The Invisible Motion of Still Objects
- Is DNA the Future of Data Storage?
- Is Fire a Solid, Liquid, or Gas?
- Is Light a Particle or a Wave?
- Is Space Trying to Kill Us?
- Is Telekinesis Real?
- Is There a Center of the Universe?
- Is Time Travel Possible?
- The Journey to Pluto, the Farthest World Ever Explored
- Just How Small Is an Atom?
- The Life Cycle of a Neutron Star
- The Life Cycle of a Plastic Bottle
- Light Seconds, Light Years, Light Centuries: How to Measure Extreme Distances
- Light Waves, Visible and Invisible
- Living with Less Water
- The Loathsome, Lethal Mosquito
- The Lovable (and Lethal) Sea Lion
- Magical Metals, How Shape Memory Alloys Work
- Mammoths vs. Mastodons
- Meet the Frog That Barfs Up Its Babies
- Meet the Tardigrade, the Toughest Animal on Earth
- The Moon Illusion
- The Most Groundbreaking Scientist You've Never Heard of
- The Most Lightning-Struck Place on Earth
- The Most Astounding Fact – Neil deGrasse
- The Most Lightning Struck Place on Earth
- The Most Radioactive Places on Earth
- My Glacier Cave Discoveries
- Nature's Smallest Factory: The Calvin Cycle
- A Needle in Countless Haystacks: Finding Habitable Worlds
- The Neuroscience of Pokemon Go
- Newton's 3 Laws, with a Bicycle
- The Nurdles' Quest for Ocean Domination (Plastics in the Ocean)
- Origins of Gold

- The Pangaea Pop-up
- Parasite Tales: The Jewel Wasp's Zombie Slave
- Pavlovian Reactions Aren't Just for Dogs
- Penguins: Popularity, Peril and Poop
- The Physics of the “Hardest Move” in Ballet
- The Physics of Surfing
- Poison vs. Venom: What's the Difference?
- Proof of Evolution That You Can Find on the Body
- The Race to Sequence the Human Genome
- Radioactivity: Expect the Unexpected
- A Rare, Spectacular Total Eclipse of the Sun
- Reasons for the Seasons
- RNAi: Slicing, Dicing and Serving Your Cells
- Rosalind Franklin: DNAs Unsung Hero
- Sally Ride on Dumb Questions
- The Science of Skin
- The Science of Skin Color
- The Science of Smog
- The Science of Symmetry
- The Secret Language of Trees
- The Secret Life of Plankton
- The Secret Powers of Jellyfish
- The Secrets of the X Chromosome
- The Secret to Rising Sea Levels
- Separation Techniques and Why They Matter
- Seven Ocean Mysteries
- Sex Determination: More Complicated Than You Thought
- Should We Eat Bugs?
- Should We Look for Life Elsewhere in the Universe?
- The Single-Celled Organism That Almost Wiped Out Life on Earth
- The Standard Model of Particle Physics
- Solving the Puzzle of the Periodic Table
- The Sonic Boom Problem
- The Strengths and Weaknesses of Acids and Bases
- Sunlight Is Way Older Than You Think
- The Sun’s Surprising Movement Across the Sky
- The Surprising Effects of Rewilding
- The Surprising (and Invisible) Signatures of Sea Creatures
- The Surprising Reasons Animals Play Dead
- The Survival of the Sea Turtle
- Symbiosis: A Surprising Tale of Species Cooperation
- Synesthesia (Note: It’s the combination of two or more senses.)
- Theory vs. Law: What’s the Difference
- Three Different Ways Mammals Give Birth
- Three Planets That Shouldn’t Exist

- This Is Your Brain on Pain
- Three Different Ways Animals Give Birth
- Three Ways to Destroy the Universe
- Turbulence: One of the Greatest Unsolved Mysteries of Physics
- Twisting Tale of DNA
- A Vanishing Island off the Louisiana Coast (Climate Change)
- Visualizing Hidden Worlds Inside Your Body
- Vultures: Heroes of the Ecosystem
- The Wacky Story of Cell Theory
- The Weird and Wonderful Metamorphosis of a Butterfly
- The Weird, Wonderful World of Bioluminescence
- What Is Dark Matter
- What Are Gravitational Waves
- What Are Meteors?
- What Are Mini Brains?
- What Are the Odds of Finding Intelligent Alien Life?
- What Causes a Solar Eclipse?
- What Happened to Antimatter?
- What Happens When Continents Collide?
- What If the Earth Stopped Spinning?
- What If We Could Look Inside Human Brains?
- What Is an Aurora?
- What Is the Biggest Single-Celled Organism?
- What Is the Coldest Thing in the World?
- What Is Einstein's Theory of Relativity?
- What Is Entropy?
- What Is a Fungus?
- What Is the Heisenberg Uncertainty Principle?
- What Is Invisible? More Than You Think
- What Is Metallic Glass?
- What Is Plasma?
- What Is the Shape of a Molecule?
- What Is the Universe Made of?
- What Is Work? (Understanding Physical Laws)
- What Light Can Teach Us About the Universe
- What Outer Space Does to Your Body
- What Percentage of Your Brain Do You Use?
- What Would Happen If Every Human Suddenly Disappeared?
- What Would Happen If the World Went Vegetarian?
- What Would It Be Like to Live on the Moon?
- What's Wrong with Our Food System
- What You Can Learn from an Ancient Skeleton
- When Is Water Safe to Drink?
- When Will the Next Ice Age Happen?
- When Will the Next Mass Extinction Occur?

- Where Does Gold Come From?
- Where Do Genes Come From?
- Where Have All the Honeybees Gone?
- Where We Get Our Fresh Water
- Which Came First: The Chicken or the Egg?
- Who Won the Space Race?
- Why Are Blue Whales So Enormous?
- Why Are Earthquakes So Hard to Predict?
- Why Are Fish Fish-Shaped?
- Why Aren't We Only Using Solar Power?
- Why Are Sharks So Awesome?
- Why Are Sloths So Slow?
- Why Are Some People Left-handed?
- Why Are There So Many Insects?
- Why Be Skeptical? (of Scientific Studies)
- Why Can't We See Evidence of Alien Life?
- Why Do Animals Form Swarms?
- Why Doesn't Anything Stick to Teflon?
- Why Does the Sun Really Shine?
- Why Do Humans Have a Third Eyelid?
- Why Do Mirrors Flip Vertically but Not Horizontally?
- Why Don't Ants Get Stuck in Traffic?
- Why Don't Perpetual Motion Machines Ever Work?
- Why Do We Age?
- Why Do We Cry? The Three Types of Tears
- Why Do We Harvest Horseshoe Crab Blood?
- Why Do We Pass Gas?
- Why Do We Wrinkle When Wet?
- Why Do Whales Sing?
- Why Is Cotton in Everything?
- Why Is Glass Transparent?
- Why Is NASA Sending a Spacecraft to a Metal World?
- Why Total Solar Eclipse Is Such a Big Deal?
- Will Future Spacecraft Fit in Our Pockets?
- Will the Ocean Ever Run Out of Fish?
- Will We Ever Be Able to Teleport?
- Would You Move to Mars?
- Would You Weigh Less in an Elevator?
- You Are Your Microbes

### **Social Studies/World Cultures**

- Actually, the World Isn't Flat
- The Ancient Origins of the Olympics
- The Arctic vs. the Antarctic
- Are Ghost Ships Real?

- The City of Walls: Constantinople
- The Dangerous Race to the South Pole
- A Day in the Life of an Ancient Athenian
- A Day in the Life of a Roman Soldier
- Democracy: A Short Introduction
- Did the Amazons Really Exist?
- Did Ancient Troy Really Exist?
- The Difference Between the United Kingdom, Great Britain, and England Explained
- The Egyptian Book of the Dead: A Guide to the Underworld
- The Fascinating History of Cemeteries
- The Five Major World Religions
- From Slave to Rebel Gladiator: The Life of Spartacus
- A Glimpse of Teenage Life in Ancient Rome
- Greeting the World in Peace
- The Hidden Meanings of Yin and Yang
- The History and Genghis Khan
- The History of Japan
- The History of Marriage
- The History of Saint Patrick
- History vs. Augustus
- History vs. Che Guevara
- History vs. Christopher Columbus
- History vs. Cleopatra
- History vs. Henry VIII
- History vs. Napoleon Bonaparte
- History vs. Vladimir Lenin
- How Did Dracula Become the World's Most Famous Vampire?
- How Did Polynesian Wayfinders Navigate the Pacific Ocean?
- How Do You Decide Where to Go in a Zombie Apocalypse? (Geography)
- How Magellan Circumnavigated the Globe
- How Much Food Can You Buy for \$5 Around the World?
- How the Normans Changed the History of Europe
- How North America Got Its Shape
- How to Make a Mummy
- Incredible History of China's Terracotta Warriors
- Islam, the Quran, and the Five Pillars
- It's a Church. It's a Mosque. It's Hagia Sophia
- Learn to Read Chinese with Ease
- Legend of Annapurna
- The Life of an African Revolutionary
- The Most Successful Pirate of All Time
- The Murder of Ancient Alexandria's Greatest Scholar
- The Myth Behind the Chinese Zodiac
- The Origins of Russia

- Overpopulation: The Human Explosion Explained
- The Paradox of Value
- The Past, Present, and Future of the Bubonic Plague
- The Pharaoh That Wouldn't Be Forgotten
- The Philosophy of the Buddha
- The Population Pyramid
- The Rise and Fall of the Assyrian Empire
- The Rise and Fall of the Byzantine Empire
- The Rise and Fall of the Inca Empire
- The Secret Messages of Viking Runestones
- The Secret Student Resistance to Hitler
- The Silk Road: Connecting the Ancient World Through Trade
- The Tale of Sunken Cities
- Terra Cotta Warriors
- This Is Sparta
- The United Nations
- Urbanization and the Evolution of Cities Across 10,000 years
- The Wars That Inspired Games of Thrones
- What Are the Universal Human Rights?
- What Can You Learn from an Ancient Skeleton?
- What Determines the Value of Money?
- What Did Democracy Really Mean in Athens?
- What Does It Mean to Be a Refugee?
- What Gives a Dollar Bill Its Value?
- What Happens When Continents Collide?
- What History Lies Beneath the Sea?
- What Is Power?
- What Is the Tragedy of Commons?
- What Makes the Great Wall of China So Extraordinary?
- What Really Happened to the Library of Alexandria?
- What's So Great about the Great Lakes?
- What's So Special About Viking Ships?
- Where Do Superstitions Come From?
- Where Did Russia Come From?
- Who Built Great Zimbabwe and Why?
- Who Built the Pyramids?
- Who Was Confucius?
- Who Was Voltaire?
- Why All World Maps Are Wrong
- Why Can't We Just Print More Money to Pay Off Debt?
- Why Cultural Exchange Matters
- William the Conqueror
- World War II: Why It's So Important 70 Years Later

## **Spanish**

- The Psychology of Accents
- The Real History of Cinco de Mayo

### **Special Education**

- ADHD: Finding What Works for Me
- Autism and the Future of Neurodiversity
- The Fascinating Reason That Children Write Letters Backwards (blog post)
- How Braille Was Invented
- A New Way to Diagnose Autism
- The Psychology of Post-Traumatic Stress Disorder
- Toward a New Understanding of Mental Illness
- What Does This Symbol Actually Mean?
- What Is Bipolar Disorder?
- What Is Dyslexia?
- What Is Obsessive Compulsive Disorder (OCD)?
- Was Leonardo da Vinci Dyslexic?

### **U.S. History/Government**

- America's Native Prisoners of War
- Bad Romance Parody: Women's Suffrage
- The Breathtaking Courage of Harriet Tubman
- The Contributions of Female Explorers
- The Courage of Harriet Tubman
- Democracy: A Short Introduction
- A Digital Reimagining of Gettysburg
- Does Your Vote Count? The Electoral College Explained
- The Exceptional Life of Benjamin Banneker
- The Fight for the Right to Vote in the United States
- Gerrymandering: How Drawing Jagged Lines Can Impact an Election
- The Historical Audacity of the Louisiana Purchase
- The Historic Women's Suffrage March in Washington
- Historical Role Models
- History of the Cuban Missile Crisis
- History vs. Andrew Jackson
- History vs. Christopher Columbus
- How the Berlin Wall Fell
- How Does Impeachment Work?
- How Do U.S. Supreme Court Justices Get Appointed?
- How One Piece of Legislation Divided a Nation (Kansas-Nebraska Act of 1854)
- How to Turn Protest into Powerful Change
- How to Understand Power
- How We Conquered the Deadly Smallpox Virus
- The Infamous and Ingenious Ho Chi Minh Trail
- Inventing the American Presidency
- The Liberties Originally Omitted from the Constitution (The Missing Bill of Rights)



- The Oddities of the First American Election
- The Making of the American Constitution
- The Missing Plague That Could Have Changed History (New World Colonization)
- The Moral Dangers of Non-lethal Weapons
- Neil DeGrasse Replies to Lincoln's Gettysburg Address
- The Oddities of the First American Election
- The Past, Present and Future of the Bubonic Plague
- The Story Behind the Boston Tea Party
- A Three-Minute Guide to the Bill of Rights
- The True Story of Sacajawea
- Ugly History: The 1937 Haitian Massacre
- Ugly History: Witch Hunts
- An Unsung Hero of the Civil Rights Movement
- The Upside of Isolated Civilizations
- The Watergate Scandal: United States vs. Nixon
- What Happened to Trial by Jury?
- What Is McCarthyism? And How Did It Happen?
- What Is an Executive Order?
- What Is Power?
- What You Might Not Know About the Declaration of Independence
- Why Is the Constitution So Hard to Amend?
- Why Wasn't the Bill of Rights Originally in the Constitution?
- World War II: Why Is It So Important 70 Years Later?