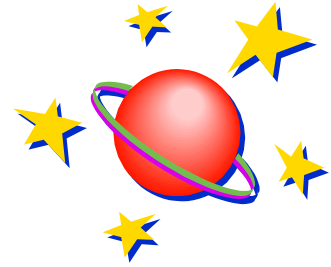


SCIENCE VIDEOS



SC VTV 538.768 AUR

AURORA: RIVERS OF LIGHT IN THE SKY

The myths, legends and science behind one of nature's most beautiful night-bound mysteries accompanies footage of Alaska's Northern Lights.

SC VTV 623.7464 BAT

BATTLE OF THE X-PLANES

Narrated by Liev Schreiber.

"Reveals the breakthrough designs, heartbreaking setbacks, adrenaline-fueled test flights, and on final nail-biting decision-the winner of the most lucrative contract in military history-the joint Strike Fighter."--container.

SC VTV 358.38 BIO

BIOTERROR

Narrated by Will Lyman.

*Judith Miller, Stephen Engelberg, and William Broad, authors of the book *Germ: biological weapons and America's secret war*, trace the history of "black biology" and investigate U.S. involvement in the development of biological weapons.*

SC VTV 577 BIO

BIOMES OF THE WORLD IN ACTION

8 videocassettes.

Explores the earth's major ecological regions, defining important features, animals, and environmental issues. Each program includes an experiment that students can replicate in the classroom, as well as informative visits with experts working in the field.

v.1 Coniferous forests -- v.2 Deciduous forests -- v.3 Deserts -- v.4 Freshwater ecosystems -- v.5 Grasslands -- v.6 Marine ecosystems -- v.7 Rainforest biomes -- v.8 Tundra.

SC VTV 550 BLU

BLUE PLANET

Reveals the Earth to us as only a few people have ever seen it: from space. From this unique vantage point we see how natural forces (volcanoes, earthquakes and hurricanes) affect our planet, and how a powerful new force, humankind, has begun to alter the face of the Earth.

SC VTV 616 BOD

BODY STORY: FIGHTING DISEASE

3 videocassettes.

Volume I. Allergies -- Volume II. Germs -- Volume III. The Flu.

Teaching kids how to fight allergies, germs and flu. Enclosed teacher's guides are along with a correlation to the National Science Education Standards.

SC VTV 612 BOD

BODY STORY: GROWTH AND DEVELOPMENT

3 videocassette.

Volume 1. Infancy -- Volume 2. Puberty -- Volume 3. Metabolism.

"Is it love, or is it just raging hormones? Those teen crushes are the result of a major renovation of the human endocrine system that takes place as children become adults who are ready to reproduce. Watch as Darren and Natalie experience firsthand this upheaval called puberty"--Container.

SC VTV 617 BOD

BODY STORY

3 videocassette.

Volume 1. Broken Bones -- Volume 2. Heart Attack -- Volume 3. Trauma.

"The human body is an amazing machine, able to repair itself under most circumstances. What if those injuries are severe or go undetected by medical professionals? Learn how healing becomes a team effort on the parts of the patient and the doctors -- Container.

SC VTV 523.1 BRI

A BRIEF HISTORY OF TIME

Explores the mysteries we've all wondered about against the backdrop of the life story of Stephen Hawking.

SC VTV 510.92 BRI

A BRILLIANT MADNESS

Narrator, Liev Schreiber.

"Called 'the most remarkable mathematician of the second half of the century,' Nash suffered a devastating breakdown at the age of thirty. He suddenly claimed that aliens were sending him messages, became obsessed with secret numbers and saw conspiracies all around him. Diagnosed with paranoid schizophrenia, Nash spent a decade in and out of mental hospitals, surviving with the support of his wife and former colleagues. During that time, a mathematical proof he'd written at the age of twenty became a foundation of modern economics. Sometime in the 1980s, he gradually began to recover. In 1994, Nash capped his remarkable return from madness by winning the Nobel Prize"--Container.

SC VTV 627.82 BUI

THE BUILDING OF HOOVER DAM

Narrated by John Martin.

The dramatic story of how an ambitious, hard-driving engineer turned a ragtag army of unemployed into the nation's most celebrated workforce. Archival footage and photographs, including interviews with witnesses and historians.

SC VTV 333.72 CON

CONSERVING AMERICA

4 videocassettes.

Tells the stories of dedicated individuals who fight to preserve America's wildlife and its natural habitats.

SC VTV 520 COS

COSMIC ODYSSEY

9 videocassettes.

Narrated by William Shatner.

"Cosmic odyssey" tells the stories behind the science of astronomy in an informative and entertaining way. Fast-paced and visually rich, viewers journey to exotic destinations within our solar system and beyond! From moons and planets to comets and asteroids, this series features scientists on the cutting edge as they investigate cosmic mysteries including the birth and death of stars, the structure of the universe, and the search for extraterrestrial life.

SC VTV 599.935 CRA

CRACKING THE CODE OF LIFE

Describes the race to decode human DNA and raises questions of whether or not we may want to know what's in our genes and whether decoding DNA will lead to cures.

SC VTV 523.1 CRE

THE CREATION OF THE UNIVERSE

Host, Timothy Ferris.

Using spectacular special effects, animation, computer graphics, and interviews with internationally renowned physicists, this program explores clues to the origin and evolution of the entire universe.

SC VTV 623.7465 DCT

DC-3 IN THE CARIBBEAN

Take one day and follow the exploits of the world's most famous aircraft as Four Star Cargo hops between San Juan, St. Thomas and St. Croix.

SC VTV 629.45 DES

DESTINY IN SPACE

Board a satellite in space to look back upon the shuttle as it orbits the Earth. Be part of the crew, working alongside the astronauts as they deploy and repair the Hubble Space Telescope. Travel millions of miles beyond Earth to soar above the remarkable contours of Venus and Mars.

SC VTV 567.9 DIN

DINOSAUR!: TALE OF A FEATHER

*Hosted and narrated by Walter Cronkite.
From pocket-sized to skyscraper high, meat-eating predators to docile herbivores, the diversity of the dinosaurs ensured their survival, until the earth experienced a devastating climatic change. The birds in your garden may be those dinosaurs.*

SC VTV 567.9 DIN

DINOSAUR!: TALE OF AN EGG

*Hosted and narrated by Walter Cronkite.
Enter the fascinating world of the baby dinosaur. Dinosaur eggs allow a privileged insight into the family life of dinosaurs, but tantalizing questions still remain.*

SC VTV 567.9 DIN

DINOSAUR!: TALE OF A TOOTH

*Hosted and narrated by Walter Cronkite.
In 1824, an English scientist acquired a giant tooth. From it he projected a huge and terrifying creature which he named Megalosaur. It sparked a controversy that rocked the foundations of man's beliefs.*

SC VTV 567.9 DIN

DINOSAUR!: TALE OF A BONE

*Hosted and narrated by Walter Cronkite.
Tells of a "bone rush" in the 1870's to the wide open spaces of America, to find dinosaur fossils.*

SC VTV 572.86 DNA

THE DNA REVOLUTION

*Hosted by Mike Wallace.
Narrator, Lori Savitch.*

SC VTV 629.45 DRE

THE DREAM IS ALIVE

*Narrated by Walter Cronkite.
Takes you into space alongside the astronauts on the space shuttle. Share with them the delights of zero gravity while working, eating and sleeping in orbit around the Earth. Witness firsthand a tension-filled satellite capture and repair and the historic first spacewalk by an American woman.*

SC VTV 599.938 EVO

EVOLUTION

7 videocassettes.

Narrated by Liam Neeson.

A documentary television mini-series on evolutionary science and its effect on our lives and on our planet.

*v.1. Darwin's dangerous idea - - v.2. Great transformations - - v.3. Extinction! -
- v.4. The evolutionary arms race - - v.5. Why sex? - - v.6. The mind's big bang -
- v.7. What about God?*

SC VTV 629.13327 FLY

FLYING THE BLIMP

Airships were once hailed as "ocean liners of the sky" until the Hindenburg explosion sparked their fall from grace. Now, blimps are back in some exciting new places, from anti-terrorist operations to research tours of the rainforest canopy. Also called dirigibles, they were the first aircraft ever to carry paying passengers, and the first to drop bombs. See vintage footage of a luxury blimp's cabin and see some new blimp varieties such as "The Whale" and the "cyclocrane"

SC VTV 629.454 FRO

FROM THE EARTH TO THE MOON

6 videocassettes.

v.1. part 1. Can we do this? ; part 2. Apollo 1 - - v. 2. part 3. We have cleared the tower ; part 4. 1968 - - v. 3. part 5. Spider ; part 6. Mare Tranquilitatis - - v. 4. part 7. That's all there is ; part 8. We interrupt this program - - v. 5. part 9. For miles & miles ; part 10. Galileo was right - - v. 6. part 11. The original wives club ; part 12. Le voyage dans la lune.

Produced with the cooperation of NASA, the miniseries follows the experiences of the Apollo astronauts in their mission to place a man on the moon.

SC VTV 363.728 GAR

GARBAGE

Narrated by Harlan Saperstein.

Refuse and refuse disposal.

SC VTV 576.5 GEN

GENES ON TRIAL: GENETICS, BEHAVIOR, AND THE LAW

Could genetic research stigmatize people who carry a "bad" gene? Could the behavior actually be determined by that gene? If so, then just how free is free will? Moderated by Harvard Law School's Charles Ogletree, this Fred Friendly Seminar scrutinizes social, ethical, and legal issues involving genetic research into undesirable traits such as addiction to alcohol by exploring the relationship between the genetic basis for addiction and the limits of personal responsibility.

SC VTV 629.441 HAI

HAIL COLUMBIA!

Narrated by James Whitmore.

Behind the scenes with astronauts John Young and Robert Crippen as they prepare for the voyage of the world's first space shuttle.

SC VTV 384.53 HO

HOW CELLULAR WORKS: EVOLUTION OF CELLULAR SYSTEMS

Cellular radio.

SC VTV 611 INC

INCREDIBLE HUMAN MACHINE (NATIONAL GEOGRAPHIC SOCIETY)

Using a variety of different photographic techniques, the program takes the viewer on a tour of the human body.

SC VTV 513.222 INF

INFINITE SECRETS: THE GENIUS OF ARCHIMEDES

"NOVA explores Archimedes' rare writings, as well as the book's mysterious beginnings, tumultuous history and amazing discovery. As the ancient text comes back from the dead, it unlocks its revolutionary contents--the infinite secrets of one of history's greatest thinkers."--Publisher's website.

SC VTV 629.442 INS

INSIDE THE SPACE STATION: A FANTASTIC FIRST STEP TO LIFE OFF EARTH

Narrator, Liam Neeson.

"...the fascinating development of the international space station. With state-of-the-art computer generated images..."-- Container.

SC VTV 778.31 INV

THE INVISIBLE WORLD (NATIONAL GEOGRAPHIC SOCIETY)

A documentary which examines the universe of shapes, movements, and lives that exist beyond the limited range of human vision by using highly specialized cameras, imaging devices, and electron microscopes.

SC VTV 600 JAM

JAMES BOND GADGETS

This program reviews the development of machines and gadgets from James Bond movies, the development of remote control gadgets and their applications to daily life.

SC VTV 590.92 JAN

JANE GOODALL: REASON FOR HOPE: A SPIRITUAL JOURNEY

Inspired by the book Reason For Hope: A Spiritual Journey by Jane Goodall.

"Filmed on location in Tanzania, England, San Francisco and Paris, this is the first program to look beyond Jane's scientific career at the woman herself, her remarkable life and her deeply held spiritual beliefs and concern for the environment"--Container.

SC VTV 510 BUR

THE JOY OF THINKING: THE BEAUTY AND POWER OF CLASSICAL MATHEMATICAL IDEAS

6 videocassettes.

Discover classical mathematics as an artistic and creative realm that contains some of the greatest ideas of human history, ideas that have shaped cultures. Explore the fourth dimension, coincidences, fractals, the allure of number and geometry, in understandable terms. No formulas, problems, equations, techniques and drills that remind us of school, but thinking that opens doors and minds and become an endless frontier of ideas to explore.

SC VTV 510 LIF

LIFE BY THE NUMBERS

7 videocassettes.

Host, Danny Glover.

[1] Seeing is believing : special effects - - [2] The numbers game : crunching numbers - - [3] Patterns of nature : mathematics & monsters - - [4] Chances of a lifetime : probability - - [5] Shape of the world : Westport, Connecticut - - [6] A new age : machines of the future - - [7] Making a difference.

"Creates a new image for mathematics--one that's exciting, empowering and imaginative. It will reveal the crucial role mathematics plays in sports, work, education, exploration, chance, virtual reality and life in general"--Box.

SC VTV 576.5 MAK

MAKING BETTER BABIES: GENETICS AND REPRODUCTION

How far should people be allowed to go in trying to have better babies? And whose definition of "better" should prevail? This Fred Friendly Seminar moderated by Dateline NBC correspondent John Hockenberry considers the ethical dilemmas facing individuals and society that grow out of prenatal testing and genetic options that may be available in the future -- such as cloning.

SC VTV 500 ME

ME & ISAAC NEWTON

Reveals the motivations of some of the most distinguished scientists of our time, from ages 33 to 81. From Madagascar lemurs and a unified theory of everything to language disorders and robotic communities, the scientists talk about their inspirations. From their earliest scientific questions in childhood to their most personal ponderings, these scientists reveal their histories and professional obligations to affect the world.

SC VTV 600 MIL

MILLION DOLLAR TECH

Million dollar tech surveys the vast array of luxury inventions from private railway cars, to home movie theaters to specially designed automobiles, Pleasure boats surveys the vast array of leisure boats designed for the wealthy.

SC VTV 612.6 MIR

THE MIRACLE OF LIFE

A documentary which shows the actual conception and development of a baby. Looks inside the male and female reproductive organs to show the formation of sperm and the passage of a fertilized egg through the fallopian tube. Uses a microscope to observe DNA, chromosomes, and other minute body details building up to the moment of birth.

SC VTV 599.938 MIS

THE MISSING LINK

*"Joins several scientific detectives as they travel to South Africa, Latvia, Greenland, and Pennsylvania in a remarkable search for fossilized remains that may reveal new clues about the nature and identity of this mysterious part fish and part four-legged animal"--Container.
Narrator, Peter Thomas.*

SC VTV 629.442 MIS

MISSION TO MIR

Shows how American and Russian astronauts train for life aboard the Russian space station Mir and, in film taken by the American astronauts in space, shows how the astronauts live, work, and entertain in a zero-gravity environment. Includes a brief review of the history of manned space flight. Features American astronaut Shannon Lucid.

SC VTV 523 MYS

MYSTERIES OF DEEP SPACE

*This series of three one-hour programs dives into the vastness of space as it presents the boldest new achievements of modern astronomy, joining astronomers as they probe the limits of the observable universe and peer into the violent world of black holes and supernovas.
v. 1. To the edge of the universe -- v. 2. Exploding stars and black holes -- v. 3. The search for alien worlds.*

SC VTV 599.938 MYS

MYSTERIES OF MANKIND (NATIONAL GEOGRAPHIC SOCIETY)

Traces anthropological research in human evolution, beginning with discoveries in Africa of australopithecine bones, the Leakeys' discoveries in the African Rift Valley and Olduvai Gorge, Johanson's work in Hadar, Ethiopia. Includes discussion of dating techniques such as laser dating, and the search for a common ancestor.

SC VTV 796 NEW

THE NEW SPORTS EXPLORERS

*Host, Bill Kurtis.
Two segments join scientists who examine how muscles, bones, and tissue function in top athletes; and how physics can be found in everyday life, including roller coasters and wave pools.*

SC VTV 609.22 NIK

NIKOLA TESLA: THE GENIUS WHO LIT THE WORLD

This documentary film discusses some of Tesla's major achievements in the fields of electrical engineering, radio, and robotics.

SC VTV 546.8 ATO

THE PERIODIC TABLE FOR STUDENTS: ATOMIC STRUCTURE & THE PERIODIC TABLE

Students learn how the periodic table is shaped by the structure of atoms. Review the historic experiments by Thompson and Rutherford which led to the discovery of subatomic particles.

SC VTV 546.8 HIS

THE PERIODIC TABLE FOR STUDENTS: THE HISTORY OF THE PERIODIC TABLE

Shows the development of the concept of an "element" from ancient Greece to the development of quantum theory. Explains how the periodic table logically organizes elements based upon their distinctive properties.

SC VTV 546.8 COM

THE PERIODIC TABLE FOR STUDENTS: PROPERTIES OF COMPOUNDS

Explores the relationship between chemical bonds and the formation of compounds.

SC VTV 546.8 ELE

THE PERIODIC TABLE FOR STUDENTS: PROPERTIES OF ELEMENTS

Explores the relationship between the atomic structure of an element and its properties.

SC VTV 546.8 USI

THE PERIODIC TABLE FOR STUDENTS: USING THE PERIODIC TABLE

Shows the development of the concept of an "element" from ancient Greece to the development of quantum theory. Explains how the periodic table logically organizes elements based upon their distinctive properties.

SC VTV 629.133 PRI

PRIVATE JETS

Narrator, Max Raphael.

This program reviews the development and social impact of privately owned jet airplanes.

SC VTV 629.45 RES

RESCUE MISSION IN SPACE: THE HUBBLE SPACE

Journey into space on one of the most important and spectacular space shuttle missions ever as the astronauts share their experiences on this critical mission to repair the space telescope.

SC VTV 363.728 REC

RECYCLING: THE TRANSFORMATION OF WASTE

Recycling (Waste, etc.) - - Illinois - - DuPage County. Refuse and refuse disposal - - Illinois - - DuPage County.

SC VTV 530 ROL

ROLLER COASTER PHYSICS

Program discusses how friction, potential energy, gravity, and acceleration are part of the physics of roller coasters.

SC VTV 355.825 RUS

RUSSIA'S NUCLEAR WARRIORS

Right now, roughly 6,000 nuclear warheads in the former Soviet Union are aging and unreliable, causing some experts to claim these failing systems could plunge the world into doomsday--by accident. Join Vladimir Pozner as he witnesses top secret nuclear and antiterrorism exercises, including tests of the Topol-M, a missile designed to evade future "missile shield" defenses. Pozner interviews men like Yevgheny Pavlov, a 22-year-old missileer who stands ready to push the nuclear button at Moscow's command.

SC VTV 507.8 SCI

SCIENCE LAB INVESTIGATIONS!

10 videocassettes.

An exciting, standards-based video series examines core science content with an inquiry-based approach through experiments and investigations. Each program takes a laboratory technique from physics, chemistry, earth or life science, and makes it meaningful to students by explaining the theory behind the application through the usage of outstanding graphics and relevant real-life examples.

v. 1. Chromatography -- v. 2. Comparative anatomy: dissection -- v. 3 DNA: transformation -- v. 4 Energy & chemical reactions -- v. 5 Lab safety -- v. 6 Properties of gases -- v. 7 Spectrophotometry -- v. 8 The laws of motion: Hovercrafts -- v. 9 Titration -- v. 10 Water analysis.

SC VTV 509 SCI

A SCIENCE ODYSSEY

5 videocassettes.

Science odyssey is a chronicle of twentieth century scientific adventure.

v. 1. Matters of life and death -- v. 2. Mysteries of the universe -- v. 3. In search of ourselves -- v. 4. Bigger, better, faster -- v. 5. Origins

A videocassette release of a 1998 television production, with host/narrator, Charles Osgood.

SC VTV 394.14 SEA

SEARCH FOR A SAFE CIGARETTE

Narrated by Liev Schreiber.

Journey inside a lit cigarette and see how superheated tobacco creates over 45 known carcinogens. Trace the little-known history of "reduced risk" cigarettes. See how tobacco-specific nitrosamines damage human DNA. Look into the future of "safer" tobacco products. Can science help create a safer cigarette?

SC VTV 612.82 SEC

THE SECRET LIFE OF THE BRAIN

5 videocassettes.

Episode one: The baby's brain : wider than the sky - - Episode two : The child's brain : syllable from sound - - Episode three : The teenage brain : a world of their own - - Episode four : the adult brain : to think by feeling - - Episode five : The aging brain : through many lives.

SC VTV 523.1 STE

STEPHEN HAWKING'S UNIVERSE

The latest advances in cosmological thought presented by one of today's most renowned scientists.

v. 1. The big bang -- v. 2. On the dark side -- v. 3. Black holes and beyond.

SC VTV 523.1 SYM

SYMPHONY TO THE PLANETS

V.1: A star to call home V.2: Mysteries beyond our reach

This celebration of our universe covers the importance of the sun, the magnetism of the moon, the background of each planet and the role it plays in the solar system.

SC VTV 791.068 THR

THRILL RIDE: THE SCIENCE OF FUN

Filmed in 70 mm. Thrill ride puts every member of the audience in the front seat of some of the wildest rides ever created. Includes The Big Shot at the Stratosphere, Las Vegas and the rollercoasters Kumba and Montu, located in Busch Gardens, Tampa, Florida.

SC VTV 629.454 TOT

TO THE MOON

Presents the story behind the Apollo space program, including the historic walk on the moon in 1969.

SC VTV 629.442 TER

TERROR IN SPACE

This segment of NOVA tells through interviews and film footage about the fire and collision aboard the Russian MIR Space Station in 1997.

SC VTV 621.3815 TRA

TRANSISTORIZED!

The video tells the story of the history of the transistor and the scientists who discovered it.

Hosted by Ira Flatow.

SC VTV 523.1 UNI

UNIVERSE

Explores extremes of time and size present in the universe.

SC VTV 551.21 VOL

VOLCANO'S DEADLY WARNING

Narrated by Gene Galusha.

SC VTV 567.9 WAL

WALKING WITH DINOSAURS

3 videocassettes.

Walking with Dinosaurs: examines the 155-million-year history of dinosaurs from the aggressive Coelophysis, who first learned to hunt in packs, to Tyrannosaurus Rex, the most terrifying carnivore on the planet. Allosaurus: he lived fast, died young and left a good-looking corpse. The life story of Big Al, the most complete Allosaurus skeleton ever found, from his hatching 145 million years ago, to his death as a 15-year-old adolescent. Includes companion program, "Big Al uncovered", that explains how scientists discovered the skeleton in 1991, in Wyoming, and how they were able to trace his life story from his remains.

SC VTV 363.73874 WHA

WHAT'S UP WITH THE WEATHER?

Narrator, Will Lyman.

Film explores the question of whether or not the changes in the weather are man-made. Topic focuses on the concepts of global warming and the greenhouse effect.

SC VTV 576.5 WHO

WHO GETS TO KNOW: GENETICS AND PRIVACY

Moderator: Arthur Miller.

This seminar offers a compelling discourse on the far-reaching ethical, social, legal, and economic implications of genetic testing.

12/11/2006