

## Science & Health Resource Center Catalog

### Laser Disks

#### By Subject

##### ASTRONOMY

- Earth and Other Planets: Discover the Wonder
- Space Shuttle
- Stargazing: Discover the Wonder

##### BIOLOGY

- Adaptations: Discover the Wonder
- Animal Pathfinders (NOVA)
- Animals: Invertebrates/Vertebrates
- Australia's Improbable Animals: National Geographic
- Biological Science II, Elementary Edition
- Habitats
- Human Biology: Human physiology/Medical Technology/Health
- Insects: The Little Things that Run the World : Smithsonian
- Interactive Science Disc 1 - Animals
- Interactive Science Disc 2 - Animals
- Plants and Simple Organisms: Microorganisms/Genetics/Plants
- Reptiles and Amphibians: National Geographic
- The Five Senses
- The Sharks: National Geographic

##### ENVIRONMENT

- Ecology: Ecosystems/Pollution/Pest Control/Wildlife Preservation
- Materials and the Environment: Investigations into Science & Technology
- Race to Save the Planet (NOVA)
- Rain Forest: National Geographic
- Rain Forest: Discover the Wonder
- The Living Planet: Discover the Wonder
- Water: Discover the Wonder
- Wetlands - Making Decisions: Discover the Wonder

##### GENERAL

- Air and Water: Investigations into Science & Technology
- Optical Data Update, Vol. 1 - Various topics
- Optical Data Update, Vol. 2 - Various topics
- Optical Data Update, Vol. 3 - Various topics
- The Invisible World: National Geographic
- The Visual Almanac

##### GEOLOGY

- Earth Science: Windows on Science
- Restless Earth
- Volcanoes and Earthquakes: Discover the Wonder

#### HEALTH

- Understanding Ourselves: AIDS (NBC News)

#### METEOROLOGY

- The Weather Report: Discover the Wonder

#### MULTIDISCIPLINARY

- A Taste of Health, The Connection Between Eating and Health: Infinite Voyage
- Crisis in the Atmosphere, Understanding Global Climate Changes: Infinite Voyage
- Fires of the Mind, Workings of the Human Brain: Infinite Voyage
- Insects - The Ruling Class, Nature's Most Successful Animals: Infinite Voyage
- Life in the Balance, The Interdependence of Species and Ecosystems: Infinite Voyage
- Living With Disaster, Dynamic Global Forces: Infinite Voyage
- Miracles by Design, New Materials for New Applications: Infinite Voyage
- Prisoners of the Brain: Infinite Voyage
- Sail On Voyager, Discovering the Solar System: Infinite Voyage
- Secrets from a Frozen World, The Living Laboratory of Antarctica: Infinite Voyage
- The Champion Within, Learning to Maximize Human Potential: Infinite Voyage
- The Dawn of Humankind, Search for the Origin of the Human Species: Infinite Voyage
- The Future of the Past, New Techniques of Preserving Art and the Past: Infinite Voyage
- The Geometry of Life, Exploring DNA and the Double Helix: Infinite Voyage
- The Great Dinosaur Hunt, New Theories of Their Origin and Evolution: Infinite Voyage
- The Keepers of Eden, Preserving Endangered Species: Infinite Voyage
- The Living Clock, Timekeeping and Living Organisms: Infinite Voyage
- The Search for Ancient Americans, Ancient Beginnings: Infinite Voyage
- To The Edge of the Earth, Exploring Biological Diversity: Infinite Voyage
- Unseen Worlds, Imaging from Atoms to Outer Space: Infinite Voyage

#### OCEANOGRAPHY

- Coastlines

#### PALEONTOLOGY

- Digging for Clues: Discover the Wonder

#### PHYSICS

- Flying: Discover the Wonder
- Forces, Machines and Structures: Investigations into Science Technology
- Physical Science: Windows on Science
- The Video Encyclopedia of Physics Demonstrations, Vol. 1-25
  - Disc 1- Units and Vectors; Linear Kinematics; Linear Dynamics
  - Disc 2- Motion in a Plane; Inertia; Action and Reaction

- Disc 3-Friction; Work, Energy, and Power; Center of Mass
- Disc 4-Statics
- Disc 5-Collisions; Rotational Kinematics
- Disc 6- Rotational Acceleration and Energy
- Disc 7-Conservation of Angular Momentum; Precession; Rotational Phenomena; Gravitation
- Disc 8-Elasticity; Oscillations
- Disc 9-Resonance; Mechanical Waves; Standing Waves
- Disc 10- Sound Production; Properties of Sound
- Disc 11-Standing Sound Waves; Gas Pressure
- Disc 12- Fluid Pressure; Buoyancy
- Disc 13- Fluid Dynamics; Surface Tension
- Disc 14-Viscosity; Thermal Phenomena; Heat Transfer
- Disc 15- Laws of Thermodynamics; Phase Changes
- Disc 16-Kinetic Theory; Crystals and Low Temperatures; Thermoelectricity; Electric Charges
- Disc 17-Electrostatic Induction; Electric Fields; Resistance and DC Circuits
- Disc 18-Induction and LR Circuits; LRC Circuits; Electromagnetic Waves; Plane Mirrors
- Disc 19- Magnetic Forces on Currents; Electromagnetic Induction; Eddy Currents; Hysteresis
- Disc 20- Magnetism and Magnetic Fields; Magnetic Fields From Currents; Magnetic Properties of Matter
- Disc 21-Voltage Drops and I<sup>2</sup>R Losses; Non-Ohmic Resistance; Electrochemical Effects; Capacitance and RC Circuits
- Disc 22- Curved Mirrors; Refraction and Internal Reflection; Lenses
- Disc 23-Diffraction; Interference; Spectra and Color
- Disc 24-Polarization; Optical Activity; Quantum Physics
- Disc 25- Atomic Physics; Nuclear Physics

## TECHNOLOGY

- High Tech, Low Tech: Discover the Wonder