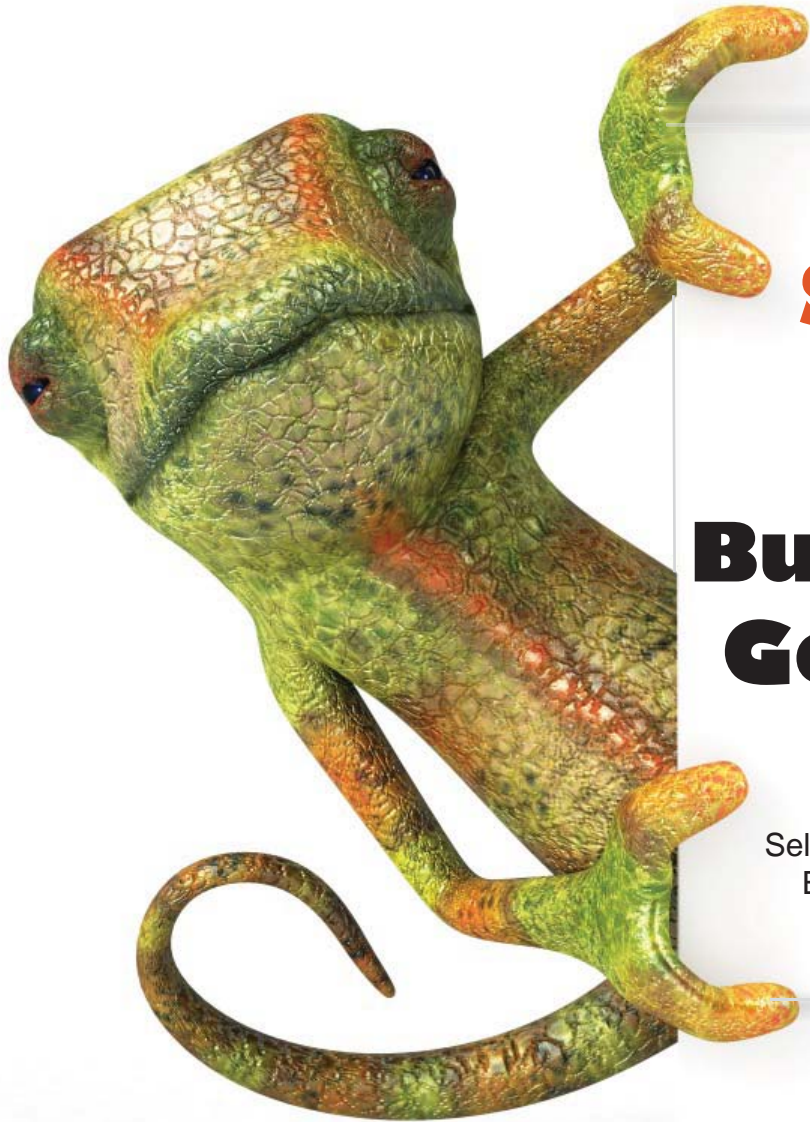


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FEATURES OF FISH

Grades 7-12 2009 20 min Visual Learning Company

This colorful, lively video explores the fascinating features of fishes. The major characteristics of this widely diverse group of vertebrates are described through the use of live-action video. Special attention is paid to the major groups of fishes and their unique features. Concepts and terminology include: ectothermic, scales, swim bladder, olfactory lobe, lateral line, gills, anadromous, ichthyologist, agnatha, lamprey, hagfish, chondrichthyes, cartilage, shark, skate, ray, osteichthyes, lobe-finned fishes, lungfishes, and ray-finned fishes.

#110193DV-V0 \$135: DVD



THE LIFE OF BIRDS

Grades 7-12 2009 20 min Visual Learning Company



Birds are a vertebrate group with which we are all familiar. This beautiful and colorful video explores the major characteristics, adaptations, and life cycles of this group of animals. Special emphasis is paid to the features that enable birds to fly. Vivid footage from throughout the world also illustrates some of the major groups of birds. Concepts and terminology include: flight, wings, contour feathers, down feathers, endothermic, crop, gizzard, four-chambered heart, amniotic egg, albumin, yolk, incubation, Archaeopteryx, Passeriformes, Piciformes, Charadriiformes, Falconiformes, and Aseriformes.

#110194DV-V0 \$135: DVD



MAGNIFICENT MAMMALS

Grades 7-12 2009 20 min Visual Learning Company

We are all familiar with common examples of mammals such as cats, dogs, and horses. Humans are also mammals. This action-packed program illustrates the common characteristics of mammals while also exploring some of the major mammalian groups. Terminology and concepts include: body hair, endothermic, mammary glands, cerebrum, differentiated teeth, monotremes, marsupials, placental mammals, rodents, Lagomorphs, Chiroptera, ungulates, Artiodactyla, Perissodactyla, Carnivora, Cetacea, and primates.

#110195DV-V0 \$135: DVD

AMAZING AMPHIBIANS AND REPTILES

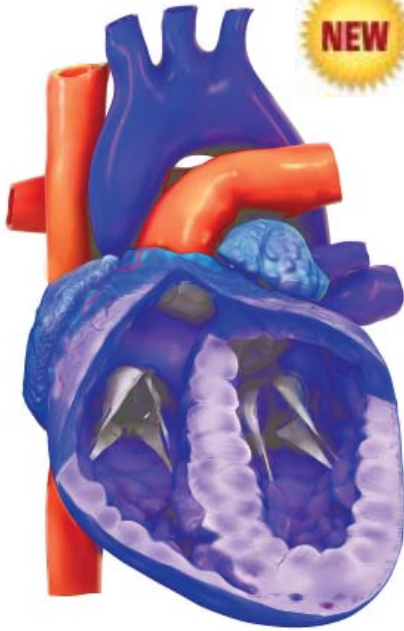
Grades 7-12 2009 20 min Visual Learning Company



This colourful, fascinating program explores the amazing features of amphibians and reptiles. The major characteristics of these two vertebrate groups are highlighted from vivid video footage captured throughout the world. Special attention is also paid to the fascinating features of specific examples of amphibians and reptiles. Concepts and terminology include: frog, toad, salamander, metamorphosis, double loop circulatory system, Anura, Urodela, Apoda, scales, ectothermic, amniotic egg, dinosaurs, Rhynchocephalia, Tuatara, Chelonia, Squamata, and Crocodilia..

#110196DV-V0 \$135: DVD





RESPIRATION

Grades 7-12 2009 20 min
Visual Learning Company

With every breath you take, the process of respiration is supplying cells in the body with oxygen they need to carry out important processes. This engaging program highlights the major structures and functions of the respiratory system. Concepts and terminology include: nasal passage, pharynx, larynx, lungs, diaphragm, trachea, bronchial tubes, alveoli, gas exchange, pulmonary circulation, inhalation, exhalation, hemoglobin, asthma, bronchitis, smoking, lung cancer, and pneumonia.

#110200DV-V0 \$135: DVD



EXPLORING THE DIGESTIVE AND EXCRETORY SYSTEMS

Grades 7-12 2009 20 min
Visual Learning Company

This video takes students on a fascinating journey, following food as it travels through the digestive system. Clear animations illustrate the functions of the major digestive and excretory structures. Concepts and terminology include: nutrients, salivary glands, teeth, mechanical and chemical digestion, esophagus, peristalsis, stomach, small intestine, enzymes, chyme, villi, large intestine, liver, gallbladder, pancreas, metabolism, colon cancer, acid reflux, kidneys, urea, and nephrons.

#110198DV-V0 \$135: DVD



INVESTIGATING CIRCULATION

Grades 7-12 2009 20 min Visual Learning Company

Colourful animations and crisp video footage illustrate the vital process of circulation. The major characteristics and features of the circulatory systems are explored, with special emphasis placed on circulatory problems and caring for the circulatory system. Concepts and terminology include: pulmonary circulation, systemic circulation, blood, components of blood, blood vessels, arteries, veins, capillaries, heart, atria, ventricles, septum, valves, coronary arteries, pulse, heartbeat cycle, SA node, AV node, blood pressure, hypertension, and atherosclerosis.

#110199DV-V0 \$135: DVD



THE CLASSIFICATION OF ORGANISMS

Grades 7-12 2009 20 min
Visual Learning Company

For thousands of years scientists have named and categorized the vast array of life on Earth. This video program highlights the major advances concerning the classification of life, more specifically focusing on current trends in systematics and taxonomy. Concepts and terminology include: scientific name, binomial nomenclature, taxa, domains, Archea, Bacteria, Eukarya, evolutionary, relationships, systematic biology, phylogeny, and taxonomy.

#110197DV-V0 \$135: DVD

All programs include: 5 question video quiz and 25 page teacher's guide. Extra features on the DVD include: index, slides, glossary, English subtitles and an iMovie project.

DIGITAL SCIENCE

Video Library - iPod/iTouch compatible

Digital Science is VLC's collection of videos for use with iTunes and other digital media management systems. All videos in this catalogue are available in several high quality digital formats, including H 264, which uses the latest video compression technology to provide clear, sharp video in a small file size, ready for immediate use with iTunes and iPods (no re-formatting required).

VIDEO CLIPS, FULL SHOWS, AND TEACHER'S GUIDES Each title includes a full show, 7 - 10 content clips that can be integrated into lesson plans, and a teacher's guide, featuring assessment tests, lab activities, and a video script.

SEARCHABLE All videos are accompanied by metadata. Keywords enable users to quickly and comprehensively search video clips.

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FORMATS Available digital formats include, but are not limited to H 264, MPEG-4, DV (compressed files), DVCPRO, and DVCAM.

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