Baby Making - the A.R.T. of Life
74278 DVD
22 min IS 2000 Distribution Access
In this program students will learn about Assisted Reproductive Technology (A.R.T.) and its implications, both social and ethical. Through personal stories told by young infertile couples, lesbian parents and mothers who use donor sperm or donor eggs, students will realise the ethical dilemmas facing parents. Throughout the program bioethicists highlight the issues, as well as future scenarios.
No Other Versions Available

Bottled Water: Who Needs It?
75217 DVD
30 min S 2008 McNabb/Connolly Films
Across the world it may be the case that over a billion people do not have access to clean drinking water, but, across the globe bottled mineral water is becoming a popular supplement to tap water. The industry is expected to grow by 30% over the next five years but the environmental cost is devastating. Across the world hundreds of thousands of tonnes of CO2 is emitted by transporting the water to the consumer, and about 1.5 million barrels of oil are used to manufacture the plastic bottles. And when the bottle is thrown away, that's not the end of the matter. Few plastic bottles are recycled, with almost two thirds of them going into landfill sites where they will take hundreds, if not thousands, of years to break down. And increasingly plastic is making its way into our seas. There is a mass of plastic off the west coast of the USA estimated to be the size of Texas. In the UK, Beachwatch's volunteers, who try to keep the country's beaches clean, have seen an 83% increase in plastic bottles found over the last ten years. And plastic in water eventually breaks down into a dust that may be making its way into our diets, along with all of the toxins that stick to it. But the industry is still set to explode. Luxury brands like Fiji water have seen their business quadruple in the last few years, and are now producing 600,000 bottles a day, with exports of 98%. And this is from an island where 35% of people do not have access to clean drinking water. Could bottled water be a triumph of marketing over common sense?
No Other Versions Available

Careers in the Life Sciences
74928 DVD
26 min I 2007 McIntyre Films
The next leader in the fight against cancer may be sitting in third-period Biology right now, but what will inspire his or her first steps into medicine? This video illustrates the awesome potential of a career in the life sciences, guiding students through fields that offer nearly unlimited possibilities for discovery. From the microscopic world of DNA, to the dazzlingly complex behavior of ants, to the mysteries of human physiology, the program explores the accomplishments of several life science trailblazers. A geneticist, a molecular biologist, a neuroscientist, and an entomologist are featured, as well as a venture capitalist who oversees pioneering pharmaceutical research.
No Other Versions Available

Cells (Bill Nye)
73017 DVD
26 min JI 1995 Magic Lantern Communications
Cells - the basic unit that makes up all living organisms. Bill Nye zooms in on DNA and creatures like amoebas and paramecium.
No Other Versions Available

Deserts (Bill Nye)
73000 DVD
26 min JI 1997 Magic Lantern Communications
Bill Nye travels to Arizona's sonoran desert to explore this unique ecosystem and demonstrates the special ways its native plants and animals flourish.
No Other Versions Available

Turning Down the Heat
71485 VHS Video
49 pce IS 1999 National Film Board
Turning Down the Heat is a documentary film that describes the global "green" energy revolution currently underway in many countries, and demonstrates solutions to reducing greenhouse gas emissions both in Canada and overseas. Narrated by David Suzuki.
No Other Versions Available

Visualizing Cell Processes
571.6 75038 DVD
130 min IS 2003 Distribution Access
Visualizing Cell Processes 3rd Edition DVD is a comprehensive program for teaching, learning, and understanding cell processes, with an additional Viruses module. The program consists of systematically arranged topics designed to take advantage of DVD technology, making it the tool available for mastering the concepts and vocabulary of cell biology for classroom and self-paced learning. The Interactive Learning Guide on the DVD extends these lessons and covers the AP curriculum. Segments include: Overview of Living Cells; DNA Structure and Cell Division; Genetic Code and Protein Synthesis; Organic Molecules: Cell Movement & Transport; Photosynthesis; Cellular Respiration and Viruses.
No Other Versions Available