

## LEARNING RESOURCE CENTER

### CATALOG SUPPLEMENT

#### PROGRAMS ADDED NOVEMBER 2003 – JANUARY 2004

#### **BIOLOGY**

##### Chemical Cycles in the Biosphere VC.BIO.05

Shows how chemicals cycles within the biosphere. Emphasizes the oxygen-carbon dioxide cycle, the nitrogen cycle, the water cycle, acid rain, global warming and how toxic chemicals affect the biosphere. (22 min., CC, 1992)

##### Energy on Earth VC.BIO.06

Explains the basic laws of energy flow, the importance of energy supplies for industrial civilizations, and options for the future. Stresses the importance of research into alternatives that do not add to global warming, acid rain or other pollution. (19 min., CC, 2001)

##### The Great Plague VC.BIO.24

Presents the history of bubonic plague and its two variants, pneumonic and septicemic. Chronicles the attrition of one family while scholars comment on the living conditions and ill-fated precautions made in London. Explores the threat of the epidemic's return. (51 min., CC, 2001)

##### The Next Plague: The Nipah Virus

Doctors confront a completely new pathogen when an epidemic starts killing pigs and the farmers who raise them. Traces the spread of this disease named the Nipah virus after a Malaysian village it decimated, and the process researchers used to acquire an understanding of it in order to control it. (26 min., CC, 2001)

##### Secret of Photo 51 VC.BIO.37

Explores the contributions made by Rosalind Franklin to the discovery of the structure of DNA. (60 min., CC, 2003)

#### **DANCE**

##### Danceworks 2003 VC.DNC.15

A concert presented on December 6, 2003. Features tap, modern, salsa, ballet, and hip hop. Directed by Mary Jo Horvath.

#### **EDUCATION**

##### Cultural Competency in the Classroom VC.ED.13

How an awareness of the various elements of cross-cultural interaction can enhance instruction. Examines an academic model of a culturally-competent institution. Workshop given at Southwestern College in October 2003 by Dr. Wynetta Lee, Assistant Provost of Dillard University. (2 hours)

## HISTORY

Forsaken Fields VC.HIS.86

Delves into the history of California's Japanese-American farmers before, during and after they were forced into U.S. internment camps during World War II. Captures the emotional complexity and resilience of a community determined to survive one of the darker chapters in national history. (26 min., CC, 2001)

Unchained Memories: Readings from the Slave Narratives VC.HIS.90

Memories of former slaves as recorded by Federal Writers Project journalists in the late 1930s. Transcribed as spoken, they provide first-hand accounts of what it was to be a slave. (75 min., CC, 2003)

## MATHEMATICS

### Real to Reel

Accompanies Basic College Mathematics, 6th ed., by Lial, et. al. Addison Wesley Longman, 2002.

#### Chapter 1: Whole Numbers

VC.MATH.52 A

- 1.1 Reading and Writing Whole Numbers
- 1.2 Adding Whole Numbers
- 1.3 Subtracting Whole Numbers

VC.MATH.52 B

- 1.4 Multiplying Whole Numbers
- 1.5 Dividing Whole Numbers
- 1.6 Long Division

VC.MATH.52 C

- 1.7 Rounding Whole Numbers
- 1.8 Exponents, Roots, and Order of Operations
- 1.9 Reading Pictographs, Bar Graphs, and Line Graphs
- 1.10 Solving Application Problems

#### Chapter 2: Multiplying and Dividing Fractions

VC.MATH.53 A

- 2.1 Basics of Fractions
- 2.2 Mixed Numbers
- 2.3 Factors
- 2.4 Writing a Fraction in Lowest Terms

VC.MATH.53 B

- 2.5 Multiplying Fractions
- 2.6 Applications of Multiplication
- 2.7 Dividing Fractions
- 2.8 Multiplying and Dividing Mixed Numbers

**Real to Reel**, Continued

Chapter 3: Adding and Subtracting Fractions VC.MATH.54

- 3.1 Adding and Subtracting Like Fractions
- 3.2 Least Common Multiples
- 3.3 Adding and Subtracting Unlike Fractions
- 3.4 Adding and Subtracting Mixed Numbers
- 3.5 Order Relations and the Order of Operations

Chapter 4: Decimals

VC.MATH.55 A

- 4.1 Reading and Writing Decimals
- 4.2 Rounding Decimals
- 4.3A Adding and Subtracting Decimals (A)

VC.MATH.55 B

- 4.3B Adding and Subtracting Decimals (B)
- 4.4 Multiplying Decimals
- 4.5 Dividing Decimals
- 4.6 Writing Fractions as Decimals

Chapter 5: Ratio and Proportion VC.MATH.56

- 5.1 Ratios
- 5.2 Rates
- 5.3 Proportions
- 5.4 Solving Proportions
- 5.5 Solving Application Problems with Proportions

Chapter 6: Percent

VC.MATH.57 A

- 6.1 Basics of Percent
- 6.2 Percents and Fractions
- 6.3 Using Percent Proportion and Identifying the Components in a Percent Problem
- 6.4 Using Proportions to Solve Percent Problems

VC.MATH.57 B

- 6.5 Using Percent Equation
- 6.6 Solving Application Problems with Percents
- 6.7 Simple Interest
- 6.8 Compound Interest

Chapter 7: Measurement VC.MATH.58

- 7.1 Problem Solving with English Measurement
- 7.2 The Metric System - Length
- 7.3 The Metric System - Capacity and Weight (Mass)
- 7.4 Problem Solving with Metric Measurement
- 7.5 Metric-English Conversions and Temperature

**Real to Reel**, Continued

Chapter 8: Geometry

VC.MATH.59 A

- 8.1 Basic Geometric Terms
- 8.2 Angles and Their Relationships
- 8.3 Rectangles and Squares

VC.MATH.59 B

- 8.4 Parallelograms and Trapezoids
- 8.5 Triangles
- 8.6 Circles

VC.MATH.59 C

- 8.7 Volume
- 8.8 Pythagorean Theorem
- 8.9 Similar Triangles

Chapter 9: Basic Algebra

VC.MATH.60 A

- 9.1 Signed Numbers
- 9.2 Adding and Subtracting Signed Numbers
- 9.3 Multiplying and Dividing Signed Numbers
- 9.4 Order of Operations

VC.MATH.60 B

- 9.5 Evaluating Expressions and Formulas
- 9.6 Solving Equations
- 9.7 Solving Equations with Several Steps
- 9.8 Using Equations to Solve Application Problems

Chapter 10: Statistics VC.MATH.61

- 10.1 Circle Graphs
- 10.2 Bar Graphs and Line Graphs
- 10.3 Frequency Distributions and Histograms
- 10.4 Mean, Median, and Mode

**NURSING**

Caring for the Antepartum Patient VC.N.06

Focuses on the physiological and emotional changes a woman experiences during pregnancy. Discusses patient history and prenatal care. (30 min., CC, 2004)

Labor and Pain Control VC.N.07

Details the process of labor, physiology of pain and several measures that may be used to manage a laboring patient's pain. (35 min., CC, 2004)

## **PHILOSOPHY**

The Story of Islam DVD.PHIL.01

Takes a journey through Islam' s history from its humble beginnings 1,300 years ago to its place in the world today. Examines the culture and philosophy in depth. This program is also available in VHS format, call number VC.PHIL.17, which is not closed captioned. (138 min., CC, 1983)

## **PORTUGUESE**

### **Colloquial Portuguese of Brazil**

By Esmenia Simões Osborne, João Sampaio, and Barbara McIntyre. Routledge, 1997.

Pronunciations, Lessons 1 – 5 PORT.01

Lessons 6 – 12 PORT.02

### **Com licença! Brazilian Portuguese for Spanish Speakers**

By Antônio R. M. Simões. Univ. of Texas Press, 1993)

Introduction, Unit 1 (90 min.) PORT.03

Units 2 & 3 (60 min.) PORT.04

Spoken Vocabulary (90 min.) PORT.05

## **SOCIOLOGY**

bell hooks: Cultural Criticism and Transformation DVD.SOC.01

bell hooks makes a compelling argument for the transformative power of cultural criticism. She discusses the theoretical foundations that inform her work and demonstrates the value of cultural studies in concrete analysis. Includes graphic sexual and racist violence which it critiques. May be offensive to some. With English subtitles. The same program without subtitles is available on VHS, call number VC.SOC.40. (66 min., 1997)

Hapa VC.SOC.65

Hapa is a term used to describe someone of partial Asian or Pacific Islander ancestry. This program explores a national history of anti-miscegenation laws, increasing rates of interracial marriages, the pressure hapas feel to choose between supposedly opposing cultural heritages, and their feeling of being outsiders in their parents' communities. (26 min., CC, 2001)

People Like Us: Social Class in America VC.SOC.66

Shows how social class plays a role in the lives of all Americans. Makes the connections between daily life and the larger issues of class in America. (124 min., CC, 2001)