

## **New DVD's January 2008**

### **News in Review September 2007**

#### **Trial of Conrad Black** 13:48 min

After a 15-week trial in a Chicago courtroom, former media baron Conrad Black was found guilty of obstruction of justice and three counts of mail fraud. He will be sentenced in November and could be sent to prison for many years. This story looks at the trial and the conviction of the man who was once one of Canada's most powerful business tycoons.

#### **Seven Wonders of Canada** 14:53 min

This summer the Canadian Broadcasting Corporation organized a contest to come up with the Seven Wonders of Canada. More than 18 000 nominations were received and hundreds of thousands of Canadians voted for their choices. This story looks at the contest and how a panel of judges came up with their Seven Wonders.

#### **Tony Blair's Ten Years in Power** 15:06 min

In late June Tony Blair stepped down as Prime Minister of Britain. He is considered by many to have been one of Britain's most successful prime ministers. In recent years, however, his popularity had slumped mainly because of his support for the U.S.-led war in Iraq.

#### **Omar Khadr: Canadian in Guantanamo** 16:03 min

Omar Khadr is a young Canadian who is being held at the U.S. detention camp for suspected terrorists in Guantanamo Bay, Cuba. Khadr was just 15 years old when he was captured by U.S. forces in 2002, while fighting for the Taliban in Afghanistan. He is accused of killing an American soldier with a hand grenade.

### **News in Review October 2007**

#### **The Van Doos Head for Afghanistan** 13:13 min

In late summer soldiers from Canada's Royal 22nd Regiment, commonly known as the Van Doos, began arriving in Afghanistan. They had barely settled in when they were rocked by the deaths of three soldiers in two bomb attacks. Because the Van Doos are based in Quebec, where anti-war feeling runs high, the tragedy also had a political dimension

#### **The Trials of Stephen Truscott** 13:24 min

In 1959, 14-year-old Stephen Truscott was sentenced to hang for the murder of a 12-year-old girl near Clinton, Ontario. His death sentence was commuted, but it wasn't until late August of this year that an Ontario court finally acquitted him of the murder charge

#### **The Act That Made us Canadian** 14:26 min

This summer ceremonies were held to mark the 60th anniversary of the Canadian Citizenship Act. Before that Act in 1947, both native-born and naturalized citizens in this country were considered British not Canadian. In this *News in Review* story we'll look back at that historic day and meet the first person to be born a Canadian. We'll also meet some new Canadians as they prepare for their own citizenship ceremony.

### **Going Green to Fight Global Warming** 17:02 min

As politicians continue to argue over the best way to fight the threat of global warming, a lot of Canadians aren't waiting to do something about the problem. They're trying to cut down on greenhouse gases by going green moonscape into a forest, and how another is trying to become a bike paradise.

### **News in Review November 2007**

#### **Taking off: Canada's soaring dollar** 14:17 min

In late September, the Canadian dollar overtook the U.S. dollar for the first time in 31 years. The high-flying loonie is good news for Canadian importers and those planning trips south of the border but it is bad news for many other Canadians. This story looks at why our dollar is soaring, and at some of the winners and the losers.

#### **Defending our Sovereignty in the Arctic** (14:23 min)

The dramatic shrinking of the Arctic ice cap this year has some experts predicting that the Arctic Ocean could be ice-free in summer by 2013. That would open up sea lanes to shipping and allow for more extensive oil and mineral exploration. It would also force Canada to defend its sovereignty in the region. How Canada plans to do that and how the melting ice is affecting the lives of northern Canadians is the focus of this story.

#### **Selling Canada's Military to Canadians** 12:30 min

As Canadians troops fight in Afghanistan, Canada's military is also engaged in a big mission at home. Its goal is to shape the way Canadians think about the mission in Afghanistan and to increase overall support for our armed forces. This story looks at Operation Connection and how our military is selling itself to Canadians.

#### **Helping the Mentally Ill Homeless** 12:30 min

In late August, Prime Minister Stephen Harper announced the formation of the Canadian Mental Health Commission. It will fight the stigma associated with mental illness and draw up a mental health strategy for Canada. One of its biggest challenges will be to find new ways to help people who are mentally ill and homeless

### **News in Review December 2007**

#### **Harper's Throne Speech Challenge** 12:16 min

In late October, the Conservative government outlined its plans in a Throne Speech. Prime Minister Harper also announced that if any of the promised legislation was defeated it would trigger a federal election

#### **State of Emergency in Pakistan** 13:09 min

In early November, Pakistan's President Pervez Musharraf declared emergency rule and suspended the country's constitution. Musharraf said it was necessary to deal with a wave of extremist violence. The move was widely condemned by many countries, including Canada

#### **Quebec's big Accommodation Debate** 14:17 min

In Quebec a two-person commission is holding public hearings into how immigrants should fit in and what if anything their new society should do to accommodate them. The hearings have caused a storm of controversy in the province, with critics accusing them of fostering intolerance

### **Lake Superior: Where did the Water go?** 16:32 min

.Lake Superior is the largest freshwater lake in the world. But in recent years a lot of that water has been disappearing at an alarming rate. Trillions of litres of water have simply vanished. Some scientists blame it on global warming, but many waterfront homeowners believe that something else is going on.

### **Numb3rs**

This is a 4 DVD set from the entire first season. These DVD's have been purchased for and by the Mathematics department.

### **Muscles** 20 min

Looks at the complex movements involved in the exercise of rowing. The nature of muscle itself is examined from its gross structure to its detailed microstructure where chemical energy is harnessed to produce movement. As muscle forms the basis for much of a person's body shape, we explore the ways in which this shape can be changed by the activities we perform. The following topics are discussed:

Location and uses of smooth, skeletal, and cardiac muscles - Muscle structure and function - Aerobic and anaerobic respiration - Relationship between muscle mass and body shape - Neuromuscular disease - Physical fitness

### **Fahrenheit 9/11** 122 min

Documentary filmmaker Michael Moore reflects on the current state of America, including the powerful role oil and greed may have played after the September 11, 2001 terrorist attacks. He also depicts alleged dealings between two generations of the Bush and bin Laden families, and other Saudi groups.

### **100 Greatest Discoveries: The Origin of Life and Evolution** 46 min

This program presents 10 milestones that have helped to tell life's story: Walter Alvarez's K-T asteroid theory of dinosaur extinction; the first identification of dinosaur fossils; Stanley Miller's simulation of the early atmosphere, leading to organic compound formation; Robert Ballard's discovery of hydrothermal vent ecosystems; Charles Walcott's analysis of the Burgess Shale; the Linnaean classification system; Darwin's theory of natural selection; Donald Johanson's "Lucy"; Mary Leakey's Laetoli footprints; and Michel Brunet's Toumai skull.

### **Romanticism** 50 min

Contents: Opening - The French Revolution - Defining Romanticism - Sir Edmund Burke - Neoclassicism - The Philosophy of romanticism - Jacques-Louis David - Theodore Gericault - Eugene Delacroix - Francisco de Goya - John Constable - J.M.W. Turner - Caspar David Friedrich - Credits.

## **Platoon** 2 hours

An Oliver Stone film starring Charlie Sheen, Tom Berenger, Willem Dafoe.

A gritty and emotional look at the lives of a platoon of American soldiers as they patrol, fight and die in the jungles of Vietnam as seen through the perspective of a young recruit. Two veteran sergeants clash when one of them precipitates a massacre of villagers.

## **King Lear** 150 min

Film version of the award-winning Royal National Theatre production of King Lear starring Ian Holm.

Lear, King of Britain, has three daughters: Goneril, Regan and Cordelia. Intending to divide his kingdom among his daughters according to their affection for him, he asks them to say which loves him most. Goneril and Regan profess their extreme affection, and each receives one-third of the kingdom. Cordelia, disgusted with their hollow flattery, says she loves him according to her duty, no more or less. Infuriated with this reply, Lear divides her portion between Goneril and Regan. Eventually the two daughters reveal their true heartlessness and a tragic chain of events are set into motion.

## **New CD's**

### **Math, Music & Mayhem**

#### **SIGNED OUT TO MATH DEPARTMENT ONLY**

Contents:

- |                    |                    |                       |
|--------------------|--------------------|-----------------------|
| 1. Intro           | 10. %              | 19. $y=mx+b$          |
| 2. Excellent       | 11. More news      | 20. SOHCAHTOA         |
| 3. Zero song       | 12. Math weather   | 21. Card ordering     |
| 4. Mozart & math   | 13. Pythagoras     | 22. Powers of two     |
| 5. BEDMAS          | 14. 1995           | 23. Quadratic formula |
| 6. How smart?      | 15. Circle song    | 24. Roots             |
| 7. Skill-testing Q | 16. Pi             | 25. Math pi           |
| 8. Fraction rap    | 17. Lotto          | 26. Sequel?           |
| 9. News item       | 18. Happy birthday |                       |

### **Math, Music & Mayhem: The Sequel**

#### **SIGNED OUT TO MATH DEPARTMENT ONLY**

Contents:

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|--------------------|------------------------|--------------------|
| 1. Intro           | 9. $(a+b)^2$           | 16. Two equals one |
| 2. Original number | 10. Prime generator    | 17. Sine law       |
| 3. D major         | 11. Cosine law         | 18. Locker problem |
| 4. Shakuntala Devi | 12. Graph paper        | 19. Pigeonhole     |
| 5. Fibonacci       | 13. Obtaining one      | 20. Eratosthenes   |
| 6. Good/bad guys   | 13. Obtaining one      | 21. Titanic        |
| 7. B/B guys song   | 14. Negative exponents | 22. End            |
| 8. Reverse digits  | 15. a-b Song           |                    |

## **Rock Me Avogadro: A collection of Chemistry Songs**

### **CHEMISTRY DEPARTMENT ONLY**

Contents: The Scientific method - Em Cee Delta Tee - The Heat of fusion of water - Rock me Avogadro - Natural decay - Nuclear power to the people - What the heck is light? - Atomos, atomos - Elemental funkiness - What kinds of bonds are these? - Stoichiometry rules - Stress, shift, change in concentration - Acids and bases - The Bromthymol blues - You start at the anode.