

New TRC Resources



February
2015

TITLE	DESCRIPTION	LOCATION	LEVEL
ADMINISTRATION & PROFESSIONAL RESOURCES			
Oral language , book A By Anne Giulieri	1 Big book + 1 CD. Engage Literacy Oral Language Big Books were created to help students develop their use of language. The format is great for small groups, centers and the included interactive white board component allows students to use existing technology in your classroom or lab setting. The Oral Language Big Books are great for ELL/ESL students and provide students with opportunities for vocabulary development, sentence structure skills, expression as well as questioning and answering skills.	OS 372.6 GIU	
ARTS			
Music K-8, March/April 2015	Binder includes: Magazine -- Full performance/accompaniment CD -- Sheet music.	780 MUS Vol. 25 No. 4	K-8
Stage management	1 digital video disc. : sd., col. 4 3/4 in. All teaching support materials on CD-ROM Filled with hands-on demonstrations and real world tips for students, this program will have your students running shows like professionals in no time!	DVD 792.068 STA	
ENGLISH LANGUAGE ARTS			
Chasing Vermeer By Blue Balliett	(8 copies) When strange and seemingly unrelated events start to happen and a precious Vermeer painting disappears, eleven-year-olds Petra and Calder combine their talents to solve an international art scandal.	LIT FIC BAL	Gr. 5-7
Fractured fairy tales By Christopher Pennington	1 sound disc. : digital, stereo. ; 4 3/4 in. 1 CD + 1 book These hilarious alternate takes on well known and beloved rhymes and classic stories are set to upbeat music so students will improve their reading skills, build fluency, and	SR 398.2 PEN	Gr. 2-3

	understand the rules of rhyme. These silly and loveable stories will encourage students to use their voices, facial expressions and hand gestures to read and interpret characters in the stories. Includes four plays; Jack and the Beanstalk. -- Goldilocks and the three Bears. -- Little Red Riding Hood. -- Three Little Pigs.		
HEALTH/PHYSICAL EDUCATION/CHARACTER EDUCATION			
Countdown to your health for kids	1 digital video disc. (18 min.) : sd., col. ; 4 3/4 in. An overview of the six things kids can do each day to stay healthy. Perfect for elementary students, kids will discover the importance of eating fruits and vegetables, drinking water, having positive mental health, limiting time spent in front of a screen, getting plenty of physical activity and enough sleep.	DVD 613.2 COU	Gr. 1-6
MATHEMATICS			
PRACTICAL and APPLIED ARTS & WORK EXPERIENCE			
Choosing sustainable materials	<i>(So you want to be a designer? A how-to guide to product design)</i> 1 digital video disc. (22 min.) : sd., col. ; 4 3/4 in. Closed captioned. This program profiles C02 Zero, an eco-friendly housing development in the UK, focusing on its use of recycled plastics and FSC-certified wood. The architect built with renewable and reclaimed resources, and took into account how all parts of the houses would be disposed of at end-of-life, thus minimizing the carbon footprint of this unique living space. Although the countertops are made from non-renewable plastic, that plastic was created from salvaged material - melted-down Lego toys. The video also documents modern timber production, with a representative from England's historic Forest of Dean explaining how clear cutting can be part of sustainable management, when conducted properly. Suggested Use: Design studies Grade 10, 11.	DVD 658.575 CHO	Gr. 10-12
Designing for innovation and safety	<i>(So you want to be a designer? A how-to guide to product design)</i> 1 digital video disc. (25 min.) : sd., col. 4	DVD 658.575 DES	Gr. 10-12

	<p>3/4 in. Closed captioned. Decades ago, Volvo's famous safety features were the least appealing part of their cars, at least from an aesthetic standpoint. Now designers work with engineers from the beginning of the development process to make sure that Volvo remains competitive on all fronts. In this program Volvo representatives address the issue of combining safety features with design while maintaining brand identity. Using the Volvo S60 as a case study, a design director discusses the challenges of balancing its pedestrian recognition technology with the overall look, feel, and performance of the car. Viewers also travel to Volvo's state-of-the-art crash-test facility, where engineers work to identify hazards and then begin the cooperative design process.</p> <p>Suggested Use: Design Studies Grade 10, 11.</p>		
Designing for the user	<p><i>(So you want to be a designer? A how-to guide to product design)</i> 1 digital video disc. (26 min.) : sd., col. ; 4 3/4 in. Closed captioned. When Samsung realized older customers were ignoring many of the features on their cell phones, they commissioned inclusive design specialists to find out why. Observing that older adults in focus groups were looking to the box for instructions, the specialists came up with an innovative, book-style package for the phones that doubled as a how-to guide. In this program viewers learn how observation, research data, and a feedback development cycle are brought into play to ensure that products meet the needs of the people using them. The video also profiles a bicycle that had been marketed to children but built for adult proportions; after the design flaws were addressed, the bikes were safer and easier for kids to ride.</p> <p>Suggested Use: Design Studies Grade 10, 11.</p>	DVD 658.575 DES	Gr. 10-12
Designing with recycled materials	<p><i>(So you want to be a designer? A how-to guide to product design)</i> 1 digital video disc. (27 min.) : sd., col. ; 4 3/4 in. Closed captioned. Using recycled materials makes sense, but also presents designers with a unique set of challenges, because they must work within the parameters of the materials' properties. This program profiles two companies that have successfully created products from recycled goods. London-based Pli Design produced a stackable chair made from recycled Sony Play-Stations, after feeding</p>		

	<p>shredded game consoles through an extruder to learn what kinds of polymers they contained, then determining how these would impact strength and flexibility of the final design. Tooling and other issues of large-scale plastics recycling are addressed as an appliance manufacturer turns discarded refrigerators into parts for washing machines, cars, and flower pots.</p> <p>Suggested Use: Design Studies Grade 10, 11.</p>		
Life cycle assessment	<p><i>(So you want to be a designer? A how-to guide to product design)</i> 1 digital video disc. (24 min.) : sd., col. 4 3/4 in. Closed captioned. Volvo's ReCharge hybrid car has an electric motor in each of its wheels, helping to reduce the amount of carbon dioxide created when being driven. But a car's performance on the road is only one part of its overall green rating. With the ReCharge serving as an example, this program shows how Life Cycle Assessment is employed to evaluate the environmental impact of manufactured goods - from their raw materials, to production, usage, and disposal. Designers used recycled materials for much of the ReCharge, but it lost the "new car smell" after toxic components were eliminated. The video takes a close look at the production phase of LCA with a tour of Volvo's energy-efficient assembly plant; and at end-of-life recovery at a dismantling facility.</p> <p>Suggested Use: Design Studies Grade 10, 11.</p>	DVD 658.575 LIF	Gr. 10-12
Product design and mass manufacture – design optimization	<p><i>(So you want to be a designer? A how-to guide to product design)</i> 1 digital video disc. (26 min.) : sd., col. ; 4 3/4 in. Closed captioned. By working closely with potential customers as well as suppliers, manufacturers, and distributors, designers can optimize the products they create while keeping tooling and assembly costs down. In this program designers from Britain's Kinneir Dufort employ market research and model-making technology to redesign a peak flow meter, used by people with asthma to measure lung function. To keep up with competitors the device had to be functional, sophisticated, and cheap. Incorporating what they learned from focus groups, the designers developed a look, shape, and feel for the device, then used rapid prototyping technology to transform CAD coordinates into a physical model. Viewers get a detailed look at CGI, CAD, and model-making technology.</p> <p>Suggested Use: Design Studies Grade 10, 11.</p>	DVD 658.575 PRO	Gr. 10-12

<p>Product design, testing, and modification</p>	<p><i>(So you want to be a designer? A how-to guide to product design)</i> 1 digital video disc. (25 min.) : sd., col. 4 3/4 in. Closed captioned. Trunki is a popular children's ride-on suitcase - its brightly colored, rounded surfaces appeal to toddlers and parents alike. But when its designers appeared on a British TV show featuring the product, its towing strap broke, sending Trunki into another round of modification. This program explains how a product became a world wide success through following three important principles of good merchandise design: its construction was based on testing feedback and modifications, it conforms to legal safety standards, and its designer was knowledgeable about manufacturing options. Viewers see injection and rotational molding machines at work, and a product inspector demonstrates how Trunki was tested for safety hazards. Suggested Use: Design Studies Grade 10, 11.</p>	<p>DVD 658.575 PRO</p>	<p>Gr. 10-12</p>
<p>Psychology behind today's advertising, The</p>	<p>1 digital video disc. (16 min.) : sd., col. ; 4 3/4 in. Today, consumers are continuously exposed to advertising. Therefore, it's imperative that advertisers understand the psychology behind buying motives when creating advertising and buying media. Discussed are the psychological dispositions of different consumer groups and the rationale behind common creative appeals. Shows research-proven psychological insights used in selecting traditional media as well as Internet advertising, permission email, and social media. Includes print ads, TV commercials, Internet ads and short comments by advertising professionals. This video is fast-pasted in HD to keep student interest.</p>	<p>DVD 658.834 PSY</p>	
<p>Sustainable packaging</p>	<p><i>(So you want to be a designer? A how-to guide to product design)</i> 1 digital video disc. (28 min.) : sd., col. ; 4 3/4 in. Closed captioned. A container should protect a product, attract customers, and be relatively cheap to produce. And it should satisfy consumer demand for goods that do not contribute to the billions of tons of waste produced every year. This program shows how designers are meeting all of these goals by reducing packaging, choosing more recycled materials, and sometimes, completely rethinking a product's design. A thermoforming specialist demonstrates that changing the shape of a take-out box reduces its carbon footprint,</p>	<p>DVD 658.575 SUS</p>	<p>Gr. 10-12</p>

	and the 6 R's of sustainable packaging are used to create eco-friendly wrap for Cadbury Easter Eggs. The video includes a tour of a recycling facility to see how bottles are sorted, cleaned, and extruded into pellets to make new packaging. Suggested Use: Design Studies Grade 10, 11.		
Understanding brands	1 digital video disc. (27 min.) : sd., col. ; 3 3/4 in. What is a brand, and does it really influence me and my behaviors and what I buy and sell? This program will look at what a brand is, famous brands, what organizations can do to influence their brand, look at a case study for a brand, and discuss how and why brands get us to purchase products or services.	DVD 658.827 UND	Gr. 8-12
SCIENCE			
Water and life : Desert adaptations / Aquifer ecosystems	1 digital video disc. (30 min.) : sd., col. ; 4 3/4 in. Teacher's guide printed inside the case. DESERT ADAPTATIONS / AQUIFER ECOSYSTEMS This program explores two extreme climates, the desert and the aquifer ecosystems. The desert, which comprises more than 20% of the Earth's surface, is home to many different types of wildlife that have adapted to survive extreme conditions. Aquifers contain more fresh water than all the lakes and rivers combined and have, consequently, been depleted to dangerous levels.	DVD 551.46 WAT	Gr. 6-10
Water and life : Freshwater wetlands / Water surface ecosystems	1 digital video disc. (30 min.) : sd., col. ; 4 3/4 in. FRESHWATER WETLANDS / WATER SURFACE ECOSYSTEMS These programs explore aquatic ecosystems on our planet. The first delves into the biodiversity of freshwater habitats. The second examines the unique ecosystem that exists on the surface of water environments .	DVD 551.46 WAT	Gr. 6-10
Water and life : Human impact on water / Climate change and water	1 digital video disc. (30 min.) : sd., col. ; 4 3/4 in. HUMAN IMPACT ON WATER / CLIMATE CHANGE AND WATER This program reviews how much of our freshwater and marine water habitats we have already threatened and takes a deeper look into how pollution has affected the water cycle and, incidentally, communities of life around the Earth. The program concludes with the idea that we are the only planet's living beings who can change the course of the Earth's deterioration.	DVD 551.46 WAT	Gr. 6-10

Water and life : Mountain lake and stream ecosystems / Frozen ecosystem adaptations	1 digital video disc. (30 min.) : sd., col. 4 3/4 in. MOUNTAIN LAKE AND STREAM ECOSYSTEMS / FROZEN ECOSYSTEM ADAPTATIONS This program takes a look at how the extreme climates found in mountain and frozen communities are very unsuitable for most life, but are home to some very unique species. Students also learn how ice and snow can be beneficial to plants and animals living in frozen communities.	DVD 551.46 WAT	Gr. 6-10
Water and life : River ecosystems / Rainforest adaptations	1 digital video disc. (30 min.) : sd., col. 4 3/4 in. RIVER ECOSYSTEMS / RAINFOREST ADAPTATIONS This program, divided into two parts, explores the vast ecosystem of river and rainforest communities. Known for their biodiversity and abundance of life, these ecosystems also reveal startling adaptations of the plants and animals that live there.	DVD 551.46 WAT	Gr. 6-10
Water and life : Seabed ecosystems / Open sea ecosystems	1 digital video disc. (30 min.) : sd., col. ; 4 3/4 in. SEABED ECOSYSTEMS / OPEN SEA ECOSYSTEMS This program explores features of ocean benthic zones, more commonly referred to as the deep floor bottoms of bodies of water. Pelagic zones, the least known ecosystems on Earth, are also surveyed.	DVD 551.46 WAT	Gr. 6-10
Water and life : Tidal beach ecosystems / Coral reef symbiosis	1 digital video disc. (30 min.) : sd., col. 4 3/4 in. TIDAL BEACH ECOSYSTEMS / CORAL REEF SYMBIOSIS This program explores beach habitats, and how they are deceptively full of various plant and animal life. It also takes a look below the tide to observe the biodiversity embedded in coral reef ecosystems.	DVD 551.46 WAT	Gr. 6-10
Water and life : Water makes life possible / The water cycle	1 digital video disc. (30 min.) : sd., col. ; 4 3/4 in. WATER MAKES LIFE POSSIBLE / THE WATER CYCLE This program, divided into two parts, shows how almost all life depends on water and how ecosystems are created by and with water. The water cycle and water's changing states are also explored.	DVD 551.46 WAT	Gr. 6-10
SOCIAL STUDIES			
Africa / Tibet	(<i>Time Life's lost civilizations</i>) 1 digital video disc. (100 min.) : sd., col. ; 4 3/4 in. Closed captioned. Contains the following 2 programs; Africa: a history denied - Uncover the hidden	DVD 930 AFR Vol. 4	

	<p>history of Africa's great coastal kingdoms and its mysterious counterparts in the heartland of Zimbabwe and southern Africa. For years, this legacy has been denied - only now can the true story be revealed.</p> <p>Tibet: the end of time - Follow the tale of glory and tragedy as a young boy - the reincarnation of the Tibetan God-King - witnesses the collapse of a timeless culture. This episode explores a genuine Shangri-la and its struggle to survive in a hostile contemporary world.</p>		
Greece / China / Rome	<p><i>(Time Life's lost civilizations)</i> 1 digital video disc. (150 min.) : sd, ; col. ; 4 3/4 in. Closed captioned. Contains the following 3 programs; Greece: a moment of excellence - Enter the extraordinary lives of the classical Greeks at the height of their civilization. Examine the conflicting forces of passion and reason that shaped the art and ideas of the western world. China: dynasties of power - Witness the glory of ancient China's greatest rulers and the secrets of their giant tombs. Learn the ruthless military tactics and weapons technology of these all-powerful rulers and discover how the building of the Great Wall would unify that nation. Rome: the ultimate empire - Enter the Coliseum alongside the gladiators and their foes as they prepare for battle. This episode re-creates the glory of Rome at the zenith of its power and explains how the Romans conquered the western world. Learn the mistakes that led to the Empire's chaotic collapse.</p>	DVD 930 GRE Vol. 2	
Inca, The / Maya, The	<p><i>(Time Life's ancient civilizations)</i> 1 digital video disc. (100 min.) : sd., col, ; 4 3/4 in. Closed captioned. Contains the following 2 programs; The Inca: secrets of the ancestors - Witness the conquest of an Inca ruler at the pinnacle of his power. Follow Inca roads into the past and explore the secrets of their ancestors - the Moche, the Nazca, and the Paracas - whose legacies inspired the greatest South American empire ever. The Maya: the blood of kings - Witness the dark rituals of human mutilation as the Maya rulers draw their own blood to offer to the gods. This episode reveals Maya culture at its peak - while its cities matched the sophistication and power of those in Europe in AD 800, this civilization declined suddenly a century later - leaving behind questions</p>	DVD 930 INC Vol. 3	

	and enigmas.		
Islam : By Malise Ruthven	Includes bibliographical references and index. The author answers the urgent need for an introduction to Islam...He addresses major issues with clarity and directness, engages dispassionately with the disparate stereotypes and polemics on the subjects, and guides the reader surely throughout the urgent debates about fundamentalism.	297 RUT	HS
Mesopotamia / Ancient Egypt / Aegean.	<i>(Time Life's ancient civilizations)</i> 1 digital video disc. (150 min.): sd, col. ; 4 3/4 in. Closed captioned. Contains the following 3 programs; Mesopotamia: return to Eden - Explore the land of the Bible and see evidence of the world's oldest civilizations. Go back to the dawn of civilization, following clues that lead to the Garden of Eden. Ancient Egypt: quest for immortality - Discover the enduring legacy of the pharaohs in the magnificent riches of their tombs and among the fragile relics of their mummies. Explore the ancient Egyptians' fascination with death and their quest for immortality. Aegean: legacy of Atlantis - Follow the trail of clues that lead from the ancient myths of the Aegean world to their real-life counterparts. Experience the lives of the legendary heroes as they are rediscovered in the ruins of this ancient Mediterranean world.	DVD 930 MES Vol. 1	
Seven Grandfather teachings :	1 digital video disc. (20 min.) : sd., col. ; 4 3/4 in. Includes Resource guide with student worksheets, plain 18"x24" poster. Before the early settlers arrived in what is Canada today, there were already many Aboriginal peoples living here. Each of these groups has unique beliefs about how the earth was created and how people came to exist. These beliefs are often passed from generation to generation through traditional teachings. Traditional teachings have been passed down orally from generation to generation by Elders. The elders have used their experience and wisdom to help people in their communities make good decisions. In this new program, students learn about The Seven Grandfather Teachings, also known as The Seven Sacred Teachings. This is a set of teachings on human conduct towards others. They are what was traditionally and still is to this day needed in order for communities to survive. Almost all First Nation people follow them. They also apply to every culture. People all over the world should and do follow these simple	OS 299.7 SEV	Gr. 3-8

	teachings on human conduct. The teachings - love, respect, courage, honesty, wisdom, humility		
World religions : Eastern traditions	Includes bibliographical references and index. A wide-ranging and thought-provoking survey that recognizes the diverse traditions behind the monolithic labels of the major Eastern faiths. For each set of traditions, a specialist explores not only origins, central teachings, divisions and branches, and rituals and practices, but also cultural interactions and responses to modern challenges.	200 WOR	Gr. 8+
World religions : Western traditions	Includes bibliographical references and index. A wide-ranging and thought-provoking survey that recognizes the diverse traditions behind the monolithic labels of the major Western faiths. For each set of traditions, a specialist explores not only origins, central teachings, divisions and branches, and rituals and practices, but also cultural interactions and responses to modern challenges.	200 WOR	Gr. 8+
TECHNOLOGY			