NEW RELEASES

2016

CURRICULUM PROGRAMS
FOR BOARDS – GRADES K TO 12
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Shelly Munshaw  shelly@rgtraining.ca

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Shipping, handling and applicable taxes are extra.
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High-quality video and interactive online content for the children of the digital age.

Features of CCC! Streaming Media

• An interactive media-on-demand system: high quality video and interactive online content for children of the digital age

• A rich content and multimedia resource for educators and students to find pathways to teaching and learning for the world of tomorrow

• Powerful, multifaceted software empowers teachers to seamlessly integrate thousands of core curriculum programs into their lesson plans

• Over 7,000 titles and 100,000 teaching segments that are downloadable, with hundreds of new programs added each year (at no additional cost).

• Programs are correlated to provincial standards.

• The majority of content address the needs of K-12 students in Math, English/Language Arts, History/Social Studies and Science. Additional content covering Fine Arts, Health & Guidance, and Foreign Languages is also included.

• Can be downloaded to any computer or mobile device. Url links are available so that parents can see the content their kids are watching

• …and much more!

CCC! Streaming Media STEM Content Library

As schools and school boards look to upgrade their curriculum to meet the new rigor of STEM, many are finding that their resources are insufficient. This collection represents content from the most respected producers in today's educational media industry including Disney Educational Productions, Nature, National Geographic, and the National Science Foundation. This STEM library is a must if you want to help reduce the pressure your teachers feel today about insuring their students are ready for college and university and the world of work tomorrow!

Here are ten reasons why CCC! Streaming Media transforms students into tech-savvy internet explorers.

1. CCC! Digital Content lets students explore. All the content available to students in our library is created specifically for education and is student-centred. You can tailor search options to meet the needs of specific age ranges.

2. CCC! Interactive Content gives students freedom and choice. They can choose what they watch and for how long they watch it.

3. CCC! puts students in charge. The Digital Director feature allows movie-making and playlist customization.

4. CCC! engages and holds students’ attention. All of our programs are 20-30 minutes in length and are segmented into 2-5 minutes “chunks”.

5. CCC! uses quality, story-like animation for young learners. Producers like Weston Woods and programs like The Time Compass use stylized, and high-calibre graphics, humour, and a personable narrator to spark new interests, teach concepts, and promote further exploration.

6. CCC! keeps students motivated. Each program has suggested and related videos based on the student’s selection. Tools like these can be a great foundation for helping create lifelong learners.

7. CCC! lets students get to the “good stuff” quickly – just as they would a game. Simply by logging in, students have access to the library and to the answers their curious minds crave.

8. CCC! is responsive to what students are looking for. Each time they open a video, they are getting their questions answered.

9. CCC! surprises students with new content every September – it’s never the “same old, same old.” Each fall, we update our library with fresh material and award-winning programs.

10. CCC! is user-friendly, easy to navigate, and inviting. Students can begin using it right away. Because they are accustomed to technology, they find that they can delve into and discover content almost immediately.
Anatomy

**ANATOMY & PHYSIOLOGY SERIES** (cc)
- Anatomy & Physiology (3 clips)
- Basic Chemistry (8 clips)
- Cell Structure And Function (12 clips)
- Tissues And Organs (4 clips)
- Integumentary System (5 clips)
- Skeletal System (10 clips)
- Muscular System (10 clips)
- Nervous System (9 clips)

61 Clips, 3-7 min Each
Grades 9-12 From New Dimension Media

Biology

**BACKYARD BUGS AND OTHER ANTHROPODS** (cc)
With Sean Roach
- Insect Life Processes (cc)
  Five species: ant lion, mantis, walking stick, luna moth, and hickory horned devil (regal moth larva) are shown to introduce basic insect life processes such as metamorphosis, molting, reproduction, physiology, camouflage, and predator-prey relationships.

**Bug Biodiversity Helps Humans** (cc)
Bugs are scientifically a special type of insect, but many people apply the word to all arthropod species. This program shows how arthropod biodiversity actually helps humans. Insects as diverse as cockroaches and honey bees, as well as other arthropods such as millipedes and centipedes, are shown to be both decomposers and producers, functions that are essential to the health of our planet and ourselves.

**Spider & Insect Adaptations** (cc)
The biodiversity of arthropods is revealed in the great variety of their adaptations. Arachnids such as spiders have amazing adaptations: speed, size, silk webs, and venom, that make them efficient predators. Insects also have many adaptations such as incomplete and complete metamorphosis, eyes and breathing apparatuses that help them live both below and above water’s surface at the same time, and other fascinating features.

13 min each 2014
Grades 3-8 From New Dimension Media

Chemistry

**DNA: READING THE BOOK OF LIFE SERIES** (cc)
An exceptional miniseries of four science and social science programs about two of the most important human discoveries. The first 3 programs cover the scientific process that immediately preceded and then occurred during the Human Genome Sequence Project. These programs trace the science and some implicit social-historical implications of these advances in our knowledge about human DNA and genetics, the basic book of all physical life on our planet.

**DNA Scientific Tricks & Discoveries 1960’s – 1990’s**
Traces this period’s history of research about DNA, with Nobel laureates and other scientists. They started with fragmenting experiments using restriction enzymes, get electrophoresis, and genetic maps of chromosomes, discovering genotypes and DNA fingerprinting. These had their first practical applications in being able to correctly identify crime perpetrators

**DNA: The Human Genome Project Race** (cc)
Compellingly traces the dramatic history and exciting process of sequencing the complete DNA Genome of human beings. Without the amazing synergy of advanced knowledge in genetics with the development of super-computers, this 21st century project could never have succeeded. Many of the most important public and private institutional scientists are portrayed and interviewed, including Francis Collins (head of the public team) and Craig Venter (head of the private team).

**DNA: Understanding the Genetic Book of Life** (cc)
This program shows the science behind genomics - the study, comparison and experimentation of genes within or among species now made possible by the history-making breakthrough of the Human Genome Sequence Project’s success. The various scientific steps from reading the genetic book of life to actually manipulating the functions of genes are stunningly revealed.

30 min each 2015
Grades 9-coll From New Dimensions Media

Geography

**CULTURAL INTERDEPENDENCE: A NEW LOOK AT WORLD CULTURES SERIES** (CC)
- Geography (CC)
- Economy (CC)
- Social Organizations (CC)
- Beliefs & Values (CC)

15 min each 2013
Grades 5-12 From New Dimension Media
CCC! Streaming Titles
New Releases and Most Viewed

History

THE TIME COMPASS SERIES
Ancient China
Ancient Egypt
The Ancient Hebrew
Ancient Japan
The Aztec Empire
The Byzantine Empire
The Carolingian Empire
Classical Greece
Imperial Rome
Incas & the Andean Cultures
India
Islam
The Mayas
Mesopotamia
Persia
Vikings & Celts
20 mins each 2012
Grades 4-9  From New Dimension Media

Language Arts

Alphabet Zoo
Imagine where you'd be if you didn't know the alphabet.
Learning the letters of the alphabet and the sounds they make is crucial for building reading and language skills and being able to navigate our information-based society. With Alphabet Zoo, part of CCC! Streaming Media's Pre-School Series, children are presented with a fun way to remember the alphabet by associating letters with animals from the zoo, starting with Alligator and working all the way through to Zebra.
28 min 2015
Grade Pre-school – JK From New Media Dimension

Life Sciences

ENERGY: THE PULSE OF LIFE SERIES (cc)
Program 1: Energy & Life: The Science (CC)
29 min 2014
Program 2: Science & History Of Energy Production (CC)
30 min 2014
Program 3: Energy Choices For Conservation (CC)
19 min 2014
Grades 6-12 From New Dimension Media

Mathematics

BILL NYE’S SOLVING FOR “X” (CC)

Wildlife

On the Wings of the Monarch
The monarch, known as the King of the Butterflies, goes through 4 life cycles, the egg, the larvae (caterpillar), the pupa (chrysalis), and the adult butterfly. In March and April, the eggs are laid on the milkweed plants in North America. However, monarch butterflies cannot survive cold weather, so they migrate in October, or sooner, to Mexico and southern California. Monarch butterflies are poisonous, but not to humans. The chemicals from the milkweed plant they eat gives them a poisonous defense against predators, like frogs, birds, mice, and lizards. The adult monarch, returning North from Mexico, will only live a few months. (50 minutes)
50 min 2014
From New Dimension Media

Available on CCC! Streaming Media
* Excellent instructional design reveals key science and social science concepts emphasized with captions
* Superb production values - such as underlining key concepts with music, humour, clear narration and a wide variety of video techniques
* Multi-disciplinary approach, emphasizing cooperation as well as competition - a key concept in both life & physical sciences as well as social studies
**SUCCESS AT WORK SERIES** (CC)
Learn 10 key employability skills for school leavers, college students and new starters to achieve success at work. Develop skills to give students and new recruits an edge to succeed at work challenges.

1. **Make A Great Impression** (CC)
Dress for success, be enthusiastic, introduce yourself professionally, show enthusiasm.
Order #24347  11 min  2014

2. **Communicate Effectively** (CC)
Show positive body language, listen and respect others, communicate professionally, be clear and engaging.
Order #24348  13 min  2014

3. **Be Confident and Assertive** (CC)
Speak with confidence, be knowledgeable, overcome personal blocks, be assertive, ask for help.
Order #24349  11 min  2014

4. **Set and Achieve Goals** (CC)
Be clear about your goals and steps to achieve them, ensure goals are realistic, set a time frame for results, be persistent.
Order #24350  11 min  2014

5. **Prioritize and Organize** (CC)
Plan for success, manage yourself efficiently, prioritize to get results, always be on time, learn to manage pressure.
Order #24351  12 min  2014

6. **Contribute to the Team** (CC)
Participate at meetings, volunteer to help and collaborate with others, adapt and solve problems, show initiative.
Order #24352  11 min  2014

7. **Appreciate Feedback** (CC)
Welcome feedback without defensiveness, learn from mistakes, ask for advice, practice feedback skills, continually improve.
Order #24353  13 min  2014

8. **Build Employability Skills** (CC)
Find ways to learn new skills, be proactive and find mentors, be calm with difficult people and manage your emotions, speak impressively, learn to apologize.
Order #24354  11 min  2014

9. **Demonstrate Your Strengths** (CC)
Surprise people with your knowledge, use experience to shine, grow through self-awareness, turn skills into strengths, show genuine passion.
Order #24355  11 min  2014

10. **Impress at Job Interviews** (CC)
Impress from the start, create a wow response by quality preparation, give powerful examples, answer tricky questions skillfully, ask clever questions.
Order #24356  12 min  2014
Series Order #24346
Each DVD includes Video, PDF of Leader's Guide with activities, scripts, discussion questions, Certificates, PowerPoint Slides and trailers.

**Series Order #24346**
DVD List $275 Each  $1870 Series
**DVD Educational Price $149 Each**
Streaming License $195 per title per year
DESIGN X-RAY SERIES II
From an idea to the first design of a new product, designers have their own ways of creating the art using a drawing board or a computer screen. Design X-Ray features the most important figures in the design industry. But what makes the most attractive product out of tons of good products? Now, designers have to use not only their creativity but also their thinking and problem solving skills to make business decisions. Then, how do they come up with extraordinary solutions to ordinary problems? What are the rules of creating food packaging? How does the brand development work in the digital world? What are the roles of great designers? Find out what these distinguished designers have done and how they see the world in Design X-Ray!

Passion Must Be Present
Louise Fili (Designer), Steven Heller (Designer & Author), and Seymour Chwast (Commercial Artist) were moved by their passion when they were trying to decide their career path. They also talk about what the most important element for graphic design and illustration is.
Order #46622 30 min 2015

Telling Stories through Visual
Debbie Millman (Artist & Designer), Jason Anello (Co-founder of Manifold), and Gabe Barcia Colombo (Video Artist) are telling stories in their own ways. Learn about functional designs that build the brand and capture moments of people in this episode!
Order #46623 30 min 2015

Experts of Ten Thousand Hours
James Victore (Designer & Self-made teacher), Paul Buckley (Creative Director), and Randy Hunt (Creative Director of Etsy) explain their process of creation from start to finish. How did they spend their ten thousand hours to become experts in design?
Order #46624 30 min 2015

Dream in New York
Jakob Trollback (Founder of Trollback + Company), Jon Burgerman (Doodle Artist), and Hjalti Karlsson and Jan Wilker (Co-founders of Karlsson Wilker Inc.) came to New York City in order to achieve their dreams as designers
Order #46625 30 min 2015

Advertising Designer
Drew Hodges (Founder of Spotco), Joshua Davis (Artist in New Media), and George Lois ( Legendary Creative) use their own ways to create advertisements with various ideas and tools. Find out how they efficiently combine their talents into the design.
Order #46626 30 min 2015

Coming Soon
Part 6 of series, is still in production and expected completion by end of 2015
Order #46627 30 min 2015
Grade 9-12 From Landmark Media
DVD $195 Each

All titles available for Streaming with 1, 3, 5 year or perpetual licenses.
Call me for a quote.
SIMPLE ENGLISH - CUTTING EDGE SERIES (cc)
English at its simplest level for new starters to the language.
It can be used in classrooms and for self-study. Each Program introduces simple words, expressions and tips and a practice section.

Hello (cc)
Covers language for things we do in and around our homes. It introduces the use of Let's.
Order #24462 16 min 2015

Numbers (cc)
Covers the basic use of numbers in every day language and introduces ordinal numbers.
Order #24463 19 min 2015

Can You Spell That? (cc)
People spell words to clarify information. It introduces the pronouns “my” and “your”.
Order #24464 14 min 2015

About Us (cc)
We describe people - both physical and non-physical and introduce asking personal questions,
Order #24465 16 min 2015

Where Is It? (cc)
We describe where things are and introduces prepositions “in”, “on”, “under”, “next”.
Order #24466 16 min 2015

When? (cc)
Covers exact clock time and expressions of time and introduces time expressions and asking about time.
Order # 24467 17 min 2015

How Much? How Many? (cc)
Covers language for quantity how much and how many and introduces count and non-count nouns.
Order #24468 17 min 2015

Meal Time (cc)
Covers language used in preparing and eating meals and introduces the present continuous tense (Verb +ING).
Order #24469 17 min 2015

Work (cc)
Covers simple language about work and going to work and introduces the use of questions like “What do you do?”.
Order #24470 17 min 2015

At the Market (cc)
Covers language for shopping at the market and checking the prices.
Order #24471 18 min 2015

The Weekend (cc)
Covers language for relaxation time on the weekend.
Order #24472 15 min 2015

At Home (cc)
Covers language for things we do in and around our homes and introduces the use of Lets.
Order #24473 13 min 2015

Vacation Time (cc)
Covers language for preparing for and talking about vacations and introduces need and don't need.
Order #24474 14 min 2015

Online (cc)
Covers the online world of shopping and doing business online and introduces the use of “which?” and “which one?”.
Order #24475 15 min 2015

I Don't Know (cc)
Explores the language for not understanding and asking for help and introduces how to express being sure or unsure.
Order #24476 14 min 2015

I Love It (cc)
Covers things we love and how we like to do things and introduces the language for liking and loving things,
Order #24477 15 min 2015

Doing Things (cc)
Covers a range of activities we do every day at home. It introduces can/can’t.
Order #24478 15 min 2015

Fun with Friends (cc)
Covers language for relaxing with friends and introduces offering and asking politely.
Order #24479 17 min 2015

Are You Ok? (cc)
Covers language for relaxing with friends and introduces offering and asking politely.
Order #24480 17 min 2015

Emergency (cc)
Covers basic language for reporting and dealing with emergencies and introduces imperatives.
Order #24481 18 min 2015
Grade Adult    Seven Dimensions
DVD $275 Each
DVD Educational Price $149 Each
Streaming License $195 per title per year
THE EXPRESSIVE ACTOR TRAINING SERIES – INTEGRATED VOICE, MOVEMENT AND ACTING

The Lugering Method
Joan Melton, an internationally recognized actor trainer and author, interviews Master Teacher Michael Lugering in a theoretical discussion of recent discoveries in philosophy, somatic psychology, neuroscience and aesthetics that underpin the integrated voice, movement and acting method presented in this series.
Order #68772  25 min  2014

Expressive Action
“The study of acting should begin with physical action—a specialized, structured, flexible and adaptable physical action that is enlisted in the direct service of the expression of thought and feeling. I call this integrated physical action an expressive action.”—Michael Lugering. A group of actors work through a series of carefully structured exercises and improvisations that unlock the physical, raw materials that make human expression possible. Whether the actor is expressing love, loss, rage or joy, unlocking these universal will provide the building blocks for captivating and dynamic acting.
Order #68773  25 min  2014

Voice And Body Exercises
A group of actors demonstrate a series of voice and body exercises that unite a series of moving, breathing and sounding actions in an integrated full-bodied acting workout. These smart exercises do more than simply build essential skills in alignment, movement, respiration, resonance and range, but simultaneously prepare the actor for the expression of the body’s richest and most powerful thoughts and feelings. The goal is the development of a flexible and dynamic voice and body that is hard-wired to express thought and feeling.
Order #68774  25 min  2014

Improvisation
A group of actors demonstrate a variety of improvisatory techniques and exercises designed to expand the actor’s imagination and expressive power. Rooted in impulse, spontaneity, and creativity, the improvisations will lead you to new and unfamiliar methods of expression never thought possible and many of which you have never experienced in your personal life. These basic exercises can easily be modified and adapted for on-going growth and development. All the while, your acting repertoire increases and becomes more nuanced and sophisticated.
Order #68775  25 min  2014
Grades 9-12  From First Light Video
DVD $69 Each

Journalism Secrets to Social Media Storytelling & News Reporting
This program focuses on the variety of ways social media is essential to storytelling and news distribution. Each chapter highlights an element of social media used by top journalists who rely on these communication channels to both research stories and broaden their audience. It’s designed to help students and educators understand the growing role of social media in the gathering and dissemination of news and the many ways to make the most of this technology. Social media has changed how we gather and report news in general.
Order # 68784               31 min                 2014
Grades 9-12                   From First Light Video
DVD $195

All titles available for Streaming with 1, 3, 5 year or perpetual licenses.

Call me for a quote.
**Addiction**

**Addicted Teens: Drug Addiction**
Addicts tell their stories of abuse, recovery & how they turned their lives around why would someone take drugs in the first place and why do some users get addicted to drugs and some don't? How does addiction happen? What is it about drugs that can take you down a path of self-destruction and self-hate? Let's find out.

**Addicted Teens** takes an in-depth look at teen addiction. It provides a personal connection with addicts, abusers, families and those in recovery. It talks about the risks of trying drugs, an honest look inside substance abuse and the steps towards recovery. Teens and real experts (recovering addicts) discuss their experiences with drug addiction and ex-addicts provide views of their daily battle with addictive behaviour and how they changed their lives around. It delivers an unforgettable message that will make teens reconsider their next hit and reinforces how addiction can happen to anyone.

Illicit drugs include marijuana/hashish, cocaine (including crack), heroin, hallucinogens, inhalants, or prescription drugs used without a prescription. These drugs are chemicals, and while each drug produces different physical effects, all abused substances share one thing in common. They hijack the normal function of the brain and change the way the brain responds to issues of self-control, judgment, emotion, motivation, memory and learning. Drugs change the signals coming to and from the brain. Although this can cause temporary euphoria it can also cause hallucinations, anxiety, paranoia and uncontrolled behaviour.

Order #68791            30 min             2015
Grades 7-12               From TMW Media
DVD $89.95

**TROUBLED TEENS TALK ADDICTION SERIES (cc)**
This is an in-depth look at the dark side of addiction. Told by teens struggling with addiction and the professionals treating them, it gives an insight into the thoughts and mind-set of today's teen culture.

**Social Media Addiction (cc)**
With the rising phenomenon of social networking, constant interconnectivity with friends and family is part of daily life. But is social media just another thing for teenagers to become addicted to? Speaking to experts and those affected by social media addiction, this program seeks to answer this question.

Order #68779               22 min                 2015

**Video Gaming Addiction (cc)**
Video gaming has exploded over recent years and the realism and escapism that is now on offer to teenagers can be a source of relaxation and pleasure. But this can become a trap that turns carefree gamers to serious addicts. Delve into the world of video game culture to try and shed light on the issue.

Order #68780           22 min            2015

**Drug Addiction (cc)**
Experts discuss their experiences working with drug addiction. Current and ex-addicts tell of their daily battle with this deadly addictive behaviour and teens give us access to their drug history & rehabilitation treatments on their way to recovery.

Order #68777               22 min                 2015

**Alcohol Addiction (cc)**
This program interviews teens out for a good time, alcohol addicts, and those working hard to combat the problem. Dr Chris Daley offers unique views on alcohol addiction along with experts who comment on its damaging effects. Recovering alcoholic Gerald Brian Leccy gives an emotional insight into his personal journey through his addiction.

Order #68778                        22 min           2015

** Gambling Addiction (cc)**
Gambling is an addiction that is well recognized, however with the growth of online casinos, mobile gambling and eye-catching slot machines, young people today live in a society surrounded by and encouraged to gamble. In this program, we speak to numerous casinos & bookmakers about the younger audiences being drawn into the gambling world.

Order #68781                      22 min                  2015

**Sex Addiction (cc)**
For teens living in a society where everything from perfume to pastry is sexualized and internet porn is readily accessible, is it too easy to go too far? How plausible is the idea that teens can become addicted to sex? We speak to experts and professionals who deal with recovering sex addicts.

Order #68783                         22 min                  2015
Grades 7-12                           From TMW Media
DVD $89.95 Each
Real Life Teens Drug Addiction (cc)

Today’s teens are more exposed to illegal, prescription and over the counter drugs than ever before. Many teens are starting to see drug use as part of the normal teenage experience whether to escape, self-medicate, get instant gratification, or hide feelings of low self-esteem and lack of confidence. This program discusses the ways teens can resist pressure to try drugs, ways they can say “no” to their friends and the dangers and consequences if they don’t ... Student discussion includes: The dangers of trying drugs – even if you think “you’ll just try it “once”, How to deal with the temptation and peer pressure to try drugs, How doing one drug (like cigarettes or marijuana) can lead to abuse of other drugs, The core issues of why teens try drugs and alcohol, How to recognize the warning signs of addiction, What friends can do to guide or inform of the dangers and consequences, Where a teen can turn to for help
Order #68806  20 Min  2015
Grades 8-12  From TMW Media
DVD $84.95

Real Life Teens Social Media Addiction (cc)

With the rising phenomenon of social networking websites such as Facebook and Twitter, constant interconnectivity with friends and family is now part of a teen’s daily life. However as opposed to enriching their lives, is social media just another avenue for teens to become addicted to? One of the biggest problems facing our teens today is the addictive, pervasive effects of social media. It can lead to increased distractibility, anxiety, depression and apathy. Fear of missing out (FOMO) is a very real feeling that’s starting to permeate through teens social relationships. Social media sites like Facebook and Twitter are making this increasingly more difficult for a teen to avoid. Teens can quickly become self-absorbed in a superficial online world. As a direct result, they crave affirmations from their peers in the form of likes, favorites, shares, retweets, reblogs, and revines. They can even start to feel irrelevant without loads of social media attention. Teens who have trouble connecting face to face may depend on the Internet as a place where they feel understood by their peers and use it as a replacement for social interaction. While they might use social networking sites to connect with others, spending too much time on the internet can actually lead to social isolation, symptoms of depression and withdrawal from family and friends.
Order #68807  28 min  2015
Grades 8-12  From TMW Media
DVD $84.95

Bullying

Cyber Bully

Cyber Bully exposes the most epic struggle in the digital age. By exploring the complicated dynamics behind cyber bullying, this program describes the impact and outcomes of advanced technology and human nature in a lawless, new social frontier. Told through the stories of victims, bullies, and experts, Cyber Bully reaches past the headlines to describe what makes cyber bullying a threat to our national and global social fabric.
Order #46584  56 min  2014
Grades 9-12  From Landmark Media
DVD $225

Greenhorn

Greenhorn is a powerful film that gives human dimension to the Holocaust. It poignantly underscores our flawed humanity and speaks to the healing value of friendship. Greenhorn, adapted from the children’s novel of the same name, is based on the true story of an 11-year old Holocaust survivor named Daniel who arrives at a Brooklyn yeshiva in 1946. He is befriended by Aaron, a boy with a stutter, and the two of them stand up to the bullies who make fun of them—Aaron because of his stutter and Daniel because of the small box (his only possession), with its terrible secret that he won’t let out of his sight.
Daniel, the young survivor, rarely talks, but the narrator, a stutterer who bears the taunts of the other boys, comes to consider Daniel his friend. The mystery of what’s in the box propels this short film, but it’s in the complex relationships of the school boys that the human story is revealed.
In the end, Aaron, the stutterer, finds his voice and a friend in Daniel, and their bond offers hope for a future life of dreams realized, one in which Daniel is able to let go of his box.
Order #68811  25 min  2015
Grades 6-12  From TMW Media
DVD $99

All titles available for Streaming with 1, 3, 5 year or perpetual licenses.

Call me for a quote.
hate, racism and intolerance. Students will learn how much
be upstanders. It challenges students to take a stand against
verbal, exclusion and online - and encourages bystanders to
prosecutable offense. It takes a look at the different roles of
they put online is permanent and that cyber bullying is a
misuse of social media. They will discover that much of what
damage they can do to others and themselves through the
bystander can intervene and how the victim can stop being a
the victim, bully and bystander, along with actual ways the

How to Bully Proof Your Classroom: Strategies for
Teachers
An ideal tool to empower teachers, this workshop gives
teachers, administrators and district supervisors, simple
strategies they can use to reduce bullying in their schools.
Educators will learn how to break down social hierarchies and cliques, how to help excluded students become included and how to deal with online bullying. Administrators and teachers will learn a simple system and how to empower other parents and students to live a bully free life.

How to Bully Proof Your Teen: Strategies for Parents
Empowers and educates parents to help build resilient teens and teaches them how to handle bullying situations. They will learn how to teach a non-emotional response when dealing with a classroom bully as well as strong character building skills to “bully proof” their teen. It shows parents how to deal with classroom drama, texting and social media sites such as facebook and instagram. Parents discover how to monitor, use technology and control the use of social media in their home and how to monitor and limit the amount of time teens spend on social media sites.

THE COMPLETE ANTI-BULLYING KIT
How To Stamp Out Bullying at School & In the Classroom
This collection gets to the underlying causes of bullying in the classroom. Host Keith Deltano uses serious comedy to show students why they do what they do, how to change their behaviour as well as the tools and resources to ignite powerful dialogue and prevent bullying in the classroom

Anti-Bullying Scenarios Play-by-Play:
10 Powerful Messages with Follow-up Questions
This program shows students how they can change their behaviour. It defines the four forms of bullying - physical, verbal, exclusion and online - and encourages bystanders to be upstanders. It challenges students to take a stand against hate, racism and intolerance. Students will learn how much damage they can do to others and themselves through the misuse of social media. They will discover that much of what they put online is permanent and that cyber bullying is a prosecutable offense. It takes a look at the different roles of the victim, bully and bystander, along with actual ways the bystander can intervene and how the victim can stop being a victim. Deltano challenges viewers to contemplate how they view each other. The scene “Labels Lie” is about acceptance. It shows students how to make new friends by reaching out and encourages students to stop judging each another by appearance, speech, or economic status. It talks about trash throwing and trash catching, haters and hate catching, bullies and bystanders and takes the unusual approach of addressing the mindset of the bully as well as those being bullied.

WIPE OUT BULLYING
This program shows students the many ways to prevent bullying through compelling and captivating sketches and anti-bullying storylines using real teens. Empower students to take charge if they witness bullying, show students how to be a good bystander, how to stop untrue or harmful messages from spreading and take a stand against hate, racism and intolerance. Students will explore the true consequences of bullying, what they can do to change their behaviour, deal with a bullying situation and how to react in situations to resolve conflict.

Keith Deltano, a winner of the Teaching Excellence Award for his work with at risk youth and families, inspires students by drawing on his own educational journey where he struggled with learning disabilities and bullying at school.

The 4 Types of Bullying - Physical, Verbal, Exclusion, Online
Includes: Online bullying; Physical threats; Physical altercations; How to handle resentment and fear; Assault and battery to arrest, conviction, probation; Bullying at school; The bullying policy at school; Apologizing takes courage; How to use the Anti-Bullying Pledge.

Bully Think Twice – How to Deal with a Bully
Includes: How to deal with a bully; What to do if you are a victim of bullying; How to help others who are being bullied; How to make a stand against bullying; How to refuse to be a bystander; How to stop untrue or harmful messages from spreading; Support at home; The effects of bullying after High School; How to develop a bullying program at your school; How to use the Anti-Bullying Pledge.

Why Do Bullies Bully? Who they Pick On & Why
Includes: What motivates a bully; The characteristics of a bully; Why bullies bully; Who they pick on and why; What bullies look for; The psychological reasons for bullying; Bullying behaviour; Have you ever been bullied? How to use the Anti-Bullying Pledge.
Ad Men: The Original Mad Men
AD Men: The Original Mad Men features original advertising professionals who were at the forefront of modern advertising, including David Altschiller, George Lois, and Rich Silverstein. They discuss how they got into the advertising industry and share their personal stories and achievements throughout their careers. How was the very first creative advertising agency created? Even though people thought there wasn’t a need for an additional creative agency, why did the second one start? This documentary also shows various footages of old advertisements that connected viewers with the brands for the first time in history.
Order #46598  40 min   2014
Grades 9-12  From Landmark Media
DVD $225

AD FACTORY SERIES 2
Peek behind the screen to reveal the inner workings of television’s most influential and interesting advertisements. Each episode approaches three to five different advertising campaigns. Delving into the creative process, the series will seek to understand the soul behind an advertisement by interviewing creative directors, copy and art editors and others responsible for bringing the ad to air.

Ad Factory 2 - Canvas (NYC)
Grand Central Terminal, Gramercy Park Hotel, Smithsonian Channel, Showtime
Canvas created an official app for Grand Central Terminal to promote retail stores in the building. Gramercy Park Hotel’s new web site using the interactive media showed various features of the hotel effectively. Smithsonian Channel embedded an interactive game on its web site to promote new TV shows. The responsive design for Showtime made its web site more organized and interactive from sports fans’ point of view.
Order #46586  24 min  2014

Ad Factory 2 - Conversation (NYC)
Popchips, Hometown Buffet, SUNY Plattsburgh, McGraw Hill
Popchips and Hometown Buffet’s new promotions encouraged their consumers to interact with each other via the Internet. SUNY Plattsburgh’s advertisement showed current students’ opinions for more prospective students. Young students enjoyed the new ways of learning through McGraw Hill’s digital technologies. Better Business Bureau’s Gift of Trust campaign increased the amount of donation with a shoebox commercial.
Order #46587  24 min  2014

Ad Factory 2 - D & C (NYC)
Victory, Daily Note, Nike
Doubleday & Cartwright’s publication “Victory” became a great resource for prospective clients to learn about their company. For Red Bull Music Academy, their publication “Daily Note” helped to spread the information and excitement. D&C’s unique style of creating images of products successfully promoted Nike’s Air Max series.
Order #46588  24 min  2014

Ad Factory 2 - DDB (NYC)
Phillips TV, Clorox, Volkswagen, Budweiser
Phillips TV’s “Parallel Line” project brought a better cinematic experience to the viewers. DDB successfully made big buzzes through Clorox’s “Green Works” project by creating art on a dirty wall and Volkswagen’s “The Fun Theory” project by having various experiments that anyone can participate. DDB also produced Budweiser’s TV Commercial during the World Cup.
Order #46589  24 min  2014

Ad Factory 2 - FI (NYC)
Google, Microsoft, USA Today
Fantasy Interactive created “Ramayana,” which users in Asian countries can try various features of Google Chrome by playing an interactive game based on Indonesian mythology. FI demonstrated Microsoft’s new platform for multi-task DJ mixing through its advertisement. USA Today’s new layout provided a better experience in reading news.
Order #46590  24 min  2014

Ad Factory 2 - Framestore (NYC)
WikiLeaks, Coca Cola, Qualcomm
Because of its unique way of using special effects in a documentary, Framestore got attention from viewers of WikiLeaks. Coca Cola’s Polar Bear commercials received many tweets during the 2012 Super Bowl. Qualcomm’s SnapDragon Processor Chip commercial was produced, shot, and directed by Framestore and released in theatres and TV.
Order #46591  24 min  2014

Ad Factory 2 - Intrabrand (NYC)
Nissan, NYSE Euronext, GE, AT&T
Interbrand created a brand new image and value for Nissan and NYSC. It also demonstrated close relationships between the technologies and consumers for GE and AT&T through advertisements.
Order #46592  24 min  2014
MARK IT - SERIES 2
This series explores new marketing and media concepts that are revolutionizing the way we consume and create advertising: from online and mobile marketing to the power of creativity.

Entertainment: Music
Due to the development of the Internet, the music industry has been growing quickly. There are some innovative artists who have successfully engaged with audience such as Lady Gaga and Beyoncé. Since anyone can create music with inexpensive equipment now, consumer-generated content is also getting popular and sometimes creates a music brand.

Entertainment: Movie
Before, audiences relied on one-way broadcasting but now they are interacting and giving feedback via Internet. Find out how Batman and The Simpsons Movie successfully held audience’s attention even before the films were released. Will traditional TV survive as the on-demand platform grows?

Big Data
In the digital world, your data must be saved somewhere online in order to transfer, share, and utilize it. This data adds up with others’ in the virtual world and creates the Big Data. It sounds simple but, what does this term actually mean and where does it come from? How does it affect our lives?

Brand Content
People share information and advertisements through social networks. In order to make stories more relevant and interesting, the brands started to create more content for their customers. Find out some of the successful advertisements of branded content in this episode!

Digital Marketing
With the advancement of Internet and smartphones, people all around the world connect with each other through many social networking services. This increases more opportunities for marketers to build a relationship with consumers. Find out how people are engaged in digital communication and what the rules of digital marketing are.

Storytelling
Marketers use emotional appeals and truly relevant stories to differentiate their stories from the similar advertisements. Marketers also need to understand their consumers because they build the stories with consumers.
OH MY GOD SERIES – SEASON 3

Oh My God! is an entertaining and insightful look at the spiritual teachings, customs and daily lives of families of different faiths. Viewers follow Tevya Heller on a delightful journey as he experiences a vast array of traditions and social activities with the help of teen guides who discuss what it means to have faith — and how to have a little fun along the way! Oh My God! presents a lively dialogue with teens through an ‘in the moment’ lens offering a light-hearted and honest look at faith, culture and how the youth of today view their spiritual education as an integral part of who they are.

Rastafari
Dreadlocks. Reggae and Bob Marley. Cannabis. Tevya meets a teenager who unlocks the truth behind the beliefs of the “Rasta”.
Order #55220 26 min 2015

Shinto-ism
From learning the art of the Samurai warrior to taking part in an ancient tea ceremony, Tevya reveals the secrets of a faith that is as old as Japan itself, Shintoism.
Order #55221 26 min 2015

Catholicism
Catholics are by far the largest sect of Christianity in the world, so from the Pope to the Confessional booth, Tevya learns what makes Catholicism such an enduring 2000 year-old faith.
Order #55222 26 min 2015

Jerusalem - The Seeds of Islam
Tevya meets a young Islamic Palestinian and reveals why Jerusalem is considered such a sacred piece of religious real estate to all Muslims.
Order #55223 26 min 2015

Jerusalem - The Seeds of Judaism
Tevya meets a Jewish high-school film student, and reveals why Jerusalem is considered the most sacred place on earth to all Jews.
Order #55224 26 min 2015

Jerusalem - The Seeds of Christianity
Tevya meets an Arab Christian high-school student from the West Bank, and then walks in the steps of Jesus to find out why Jerusalem is considered such a sacred place to all Christians.
Order #55225 26 min 2015
Grades 7-12 From Stornoway Productions
DVD $129 Each

Also Available:

OH MY GOD SERIES – SEASON 2

Sikhism Revealed: Gurus and Saintly Warriors
Order #55211 26 min 2014

Buddhism: Searching for the Buddha in Me
Order #55212 26 min 2014

Mennonites: Off the Grid; Into the Mennonite World
Order #55213 26 min 2014

First Nations: From Teepees to the Sweat Lodge
Order #55214 26 min 2014

Zoroastrians: World’s Oldest Religion, Modern Life
Order #55216 26 min 2014

Pentecostalism: Let the Holy Spirit Flow
Grades 7-12 From Stornoway Productions
DVD $129 Each

OH MY GOD SERIES – SEASON 1

Wicca
Order #55205 24 min 2013

Hinduism
Order #55204 24 min 2013

Judaism
Order #55208 24 min 2013

Islam
Order #55209 24 min 2013

Atheism
Order #55207 24 min 2013

Evangelical
Order #55217 24 min 2013
Grades 7-12 From Stornoway Productions
DVD $129 Each

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Astronomy & Space

Astronomy – Discover the Alma Telescope
A large array of radio telescopes and the most powerful observatory of its kind, ALMA peers into previously hidden regions of space with unprecedented sharpness, giving astronomers extremely detailed pictures of our universe. The ALMA or Atacama Large Millimeter/Sub-millimeter Array uses radio telescopes to operate in the radio frequency portion of the electromagnetic spectrum to detect and collect data. Radio telescopes are typically large parabolic dish antennas used in an array.
Order #68789 13 min 2015
Grades 4-9 From TMW Media
DVD $59.95

SHOW ME SCIENCE: ASTRONOMY & SPACE SERIES
Saturn - Lord Of The Rings
Saturn, second largest of the gas giants, rules a dazzling domain. The rings of Saturn are billions of moonlets - from grains of dust to rocks the size of trucks. The planet is so light it would float in water. Titan, Saturn’s greatest moon, is bigger than the planet Mercury. Students will see detailed images and discover fascinating details about this mysterious planet.
Order #68698 10 min 2014

The Sun - Powerhouse Of The Solar System
The Sun releases energy that powers the entire Solar System. Charged particles from the core’s chemical reactions create a stream of plasma that escapes the Sun’s atmosphere. That stream is called the solar wind and contains the entire spectrum of electromagnetic radiation. The Sun creates an enormous magnetic field that regularly twists, triggering mass ejections or flares that turn the solar wind into a storm. The Sun is only one of more than 200 billion stars in the Milky Way. Students will see the enormous span of the Universe, some of our neighboring stars and an excellent description of the life of a star.
Order #68699 10 min 2014

Venus - The Hostile Planet
At one time, Venus might have been Earth’s twin, but scientists speculate that a maturing Sun doomed Venus. It is a lifeless planet with a dense, choking atmosphere with temperatures that could melt lead. Its environment is brutally hot and is constantly being covered by molten lava oozing from thousands of volcanoes. Constantly shrouded in cloud, Venus could once have been Earth’s twin with oceans and continents, even simple life, but as the Sun matured, Venus became the hottest planet in our Solar System.
Order #68700 10 min 2014

Mercury - The Inside Track
Baked and irradiated, Mercury is a cratered world; pock-marked by impactors that rained from space during the early development of our Solar System. With double sunrises, its day is twice as long as its year. Mercury’s orbit is now perpetually shadowed from the scorching Sun; scientists think there may be ice deposited by comets. In contrast, the un-Earthly Venus is a lifeless planet with a dense, choking atmosphere with temperatures that could melt lead.
Order #68701 10 min 2014

Mars - The Red Planet
Olympus Mons, the tallest and deepest volcano in our Solar System. Although Mars is about half the size of Earth, it takes nearly twice as long to orbit our Sun. NASA’s 21st century inter-planetary robots landed on the once watery surface and sent back images and collected data. Coupled with Earth-bound complex telescopes, multi-disciplinary studies continue to enhance our knowledge of our closest neighbour.
Order #68702 10 min 2014

Uranus & Neptune - Outer Gas Giants
Students will see detailed images of the outer gas giants Uranus and Neptune. Imagery from the Voyager spacecraft and the Hubble Space Telescope show students fascinating details about these two mysterious planets. They will also see Neptune’s large moon Triton, the coldest place in the Solar System.
Order #68703 10 min 2014

Asteroid - The Threat
It is a common occurrence for extraterrestrial bodies to impact with planets in the Solar System. The inner planets are most at risk of impact from bodies that lie in the Asteroid Belt between Mars and Jupiter. In this program, students will see how we are preparing our planet for a possible impact and how we are using spacecraft to learn more about the asteroids.
Order #68704 10 min 2014

Jupiter - The King Planet
Beyond the Asteroid Belt lies Jupiter, the largest planet in the Solar System. It is a ball of gas with no solid surface. Regal Jupiter is orbited by more than 60 moons of which four are large enough to be small planets.
Order #68705 10 min 2014

Galaxy - The Milky Way
The Sun is only one of more than 200 billion stars in the Milky Way. Students will see the enormous span of the universe, some of our neighboring stars and an excellent description of the life of a star. Of the 200 billion stars in our galaxy, the nearest star is Alpha Centauri, 4.25 light years away.
Order #68706 10 min 2014
The Search For Extraterrestrial Life
By fitting together the pieces of Earth’s development, scientists are using revolutionary instrumentation to scan the universe to explore the possibility of past, present and potential future life elsewhere in our universe. Current extraordinary advances in telescope infrared technology provides increasingly detailed images of our universe. The question remains, is Earth the only place in the solar system where life exists?
Order #68707  10 min  2014
Grades 4-9  From TMW Media
DVD $59.95 Each

SHOW ME SCIENCE ADVANCED: ASTRONOMY & SPACE
X-Ray Invisible Astronomy
Much of the cosmos cannot be seen through optical telescopes. But it can be detected in wavelengths of the electromagnetic spectrum ranging from gamma-rays, through x-rays and ultra-violet to infra-red and radio. They reveal cauldrons of starbirth, exploding stars, neutron stars and black holes. Most exciting are Gamma-ray Bursters – cosmic flashes as bright as a million trillion Suns. In this program, we learn more about visible light (7 colors and gradations) and infra-red light (outside the scope of human visibility) along with extraordinary images of atmospheric and galactic events.
Order #68714  11 min  2014

Telescope New Eyes On The Cosmos
For many years the Hubble Space Telescope has collected breathtaking images of the cosmos with remarkable clarity. Now, ground based telescopes are fighting back. They are combining the sight of several instruments and correcting atmospheric shimer. This program presents and explains the designs, uses and output of different types of telescopes used to see our universe. From the Keck in Hawaii, the Very Large Telescope in Chile and OWL, the Overwhelmingly Large Telescope.
Order #68715  11 min  2014

Far Out - Measuring The Universe
How far is a star or a galaxy? Scaling and measuring the cosmos is a complex problem. Scientists are integrating mathematical applications and scientific technology to create standards. Distances are so vast they are described in light years – the distance light travels in a year. Nearby stars are measured by trigonometry – the technique of parallax. Farther out, astronomers use so-called “standard candles”, the ‘Type Ia supernovae’ is the standard candle basis. Beyond that the electromagnetic “redshift” of galaxies reveals their distances.
Order #68717  11 min  2014

The Big Bang & Black Holes - Zero To Zillions Theory
This programming explores theories of the Universe exploding from an infinitesimal speck to create matter, radiation, time and space. In the first trillion-trillion-trillionth of a second, the cosmos grew a hundred million times to less than the size of an atom. Then, in another instant, the Universe was the size of a galaxy. Now, billions of years later and strung along vast filaments, our Universe has some 50-billion galaxies that continue to expand as stars within them are born, live and die. In the second half of this program, the creation and disappearance of black holes is explored. These occur when a massive star dies. As the star’s outer layers cascade into space, the core collapses to beyond the visible and becomes a voracious gravitational trap from which nothing, not even light, escapes.
Order #68716  20 min  2014

Yonder To Infinity - The End Of The Universe
This program discusses the concept of the expanding Universe. Calculations by astrophysicists show that the cosmos seems to be speeding up. The 50-billion galaxies thought to comprise our Universe are rapidly moving farther apart. As our Sun’s energy diminishes, scientists are working to understand the nature of space called “mysterious dark energy and dark matter” – believed to comprise 96 percent of the Universe. With each discovery made by astronomers and astrophysicists, we find there is so much more to learn.
Order #68718  11 min  2014

Pluto - The Farthest Planet
Since its discovery in 1930, astronomers have been debating the status of the tiny world at the farthest reaches of our solar system—Pluto. In this program, students are given a firsthand look at the scientific process that initially classified Pluto as a planet and then reclassified it in 2006 as a Dwarf Planet. Not all scientists are in agreement with this definition and the future may bring further reclassification. Students will learn the scientific process of categorizing a planet and about this tiny world at the farthest reaches of our solar system.
Order #68719  11 min  2014

Comet - Visitors From Space
Comets have been causing fear in the minds of humans for millennia. Now new spacecraft are giving us insights into their composition and behavior. Comets allow us to study what the solar system was like in its formative period. They orbit the Sun in the Kuiper Belt and the Oort Cloud. This program teaches students about comets and helps students understand why comets cause both fear and fascination.
Order #68720  11 min  2014
Grades 6-12  From TMW Media
DVD $59.95 Each
Science

Astronomy: The Very Large Array Telescope
The Very Large Array, or VLA, telescope was built by the National Radio Astronomy Observatory to investigate radio waves from a variety of astronomical objects. This enormous array includes 27 antennas that look into deep space to see quasars, pulsars, remnants of supernova, gamma ray bursts, radio-emitting stars, the sun and planets, black holes, and the hydrogen gas that constitutes a large portion of the Milky Way galaxy. This program takes a look at how the telescope works and some of the magnificent images it produces.

Order #68800 12 min 2015
Grade 7-12 From TMW Media
DVD $59.95

Chemistry

SHOW ME SCIENCE ADVANCED CHEMISTRY & PHYSICS
Chemistry: Periodic Table of Elements Part III - Li & Be
As we continue our history of the Periodic Table organizational system and discovery of the elements, this program examines the elements lithium and beryllium. The characteristics of alkali metals and alkali earth metals are discussed in detail, with the help of graphics and animation demonstrating their similarities and differences. Students will learn why elements are organized into specific groups and their relations to the rows and columns of the periodic table.

Order #68798 9 min 2015
Grade 7-12 From TMW Media
DVD $59.95

SHOW ME SCIENCE: ADVANCED CHEMISTRY & PHYSICS
Physics: Fusion Energy Discoveries
The U.S. Department of Energy's Princeton Plasma Physics Laboratory (PPPL) is a collaborative national center for fusion energy research. The Laboratory advances the coupled fields of fusion energy and plasma physics research, and is developing the scientific understanding and key innovations needed to realize fusion as an energy source. This program details how PPPL has gained extensive capabilities in a host of disciplines including advanced computational simulations, vacuum technology, mechanics, materials science, electronics, and more.

Order #68805 9 min 2015
Grade 7-12 From TMW Media
DVD $59.95

Earth Sciences

SHOW ME SCIENCE: EARTH SCIENCE SERIES
Understanding Clouds - Meteorological Wonders
Meteorologists studying the microphysical processes of clouds are learning more about what occurs naturally inside clouds. By increasing fundamental knowledge of complex cloud structure and the chemical and electrical mechanisms that trigger changes, weather and climate forecast models improve.

Order #68708 15 min 2014

Wetland Animals - Banded Stilts
When conditions are right, the Australian outback plays host the Banded Stilt. Though common to the country’s coasts and tidal shallows, this bird travels great distances inland in search of a particular food at its inland breeding grounds. Due to an environmental event, the mystery behind this behaviour was only recently discovered and documented.

Order #68709 15 min 2014

Drifting Desert Sands - Affecting The Weather
Yellow clouds of nutrient-rich sand, iron particles and microscopic aerosols from the Sahara Desert blow north over Europe and west over the Atlantic Ocean to the Americas. Meteorologists research the impact of ‘desert clouds’ to changes in climates, weather patterns and ecosystems.

Order #68710 15 min 2014

Meteorology - Predicting Dangerous Weather
Violent weather touches thousands of lives, homes and businesses each year. Climatologists and meteorologists at the Meteorological Alpine Project (MAP) are using specialized computer technology to discover how hot winds in the African desert develop into a damaging hail storm in the Swiss Alps.

Order #68711 17 min 2014

Spring Water From The Sea
Though 70% of Earth’s surface is water, only approximately 2.5% is fresh water and in some places clean drinking water is scarce. After the discovery of a fresh water spring flowing deep in the Mediterranean Sea, scientists found a way to capture and deliver that valuable resource to the surface.

Order #68712 15 min 2014

Forest Farming
Meeting the world’s increasing demands, while complying with conservation guidelines requires new arboriculture technology. From a computer at a sawmill, data is sent to harvesting machinery in the forest. Botanists are researching genetically manipulated (transgenic) trees to learn if they are suitable for integration into a natural environment.

Order #68713 12 min 2014
Grades 4-9 From TMW Media
DVD $59.95 Each
**Earth Science: Meteorology - Mystery Of The Clouds**

Clouds have an enormous influence on the greenhouse effect. This is why it is important to find out what role clouds play in the climate and how they influence the thermal balance of the earth. Meteorologists tell us that by learning about the microphysical processes that occur naturally in clouds, researchers gain new fundamental knowledge that can help improve weather and climate forecast models. This program explores known, speculated and unknown information about cloud structures and mechanisms. Students will research how clouds originate and how they react to surrounding natural elements and see how microwave radiometers, lasers and satellites are used in researching cloud development.

Order #68721 15 min 2014

**Desert Sands - Dust From Africa**

Sand particles from the Sahara desert have long been known to travel across the Atlantic Ocean and southward to the Amazon rain forest in accumulations called ‘dust carpets’. Water molecules adhere to the sand particles to form droplets that accumulate into clouds. The mineral-enriched water falls to earth in a downpour thereby nourishing the flora below. This program explores the science behind the storms and their impact on global climate.

Order #68722 15 min 2014

**The Banded Stilt - A Wetland Survivor**

From time to time, even the harshest environments surprise scientists. The Australian outback is one such place. As home to a diverse group of organisms, it sometimes plays host to a distant visitor, the banded stilt. When conditions in the Australian outback are right, a distant shoreline visitor, the Banded Stilt arrives by the thousands to breed. The mystery behind this behaviour was finally documented when Cyclone Bobby started a chain reaction by flooding a dry salt lake in the outback. In this program we witness how a cyclone started a chain reaction, allowing a barren salt lake to flood, ultimately supporting a new brine shrimp population. We see how the food web works, as the mysterious banded stilts take advantage of the influx of brine shrimp to the area.

Order #68723 14 min 2014

**Earth Science: Properties of Water**

Over seventy percent of the Earth is covered with water – around 326 million trillion gallons! Water is essential for life – it gives plants ability to create sugar for food and it helps humans regulate temperatures and nourishes and protects the brain, spinal cord and other tissues. Water is equally important to the environment due to the intricate balance of the water cycle. This program takes an in-depth look at the chemistry of water and its different states and how each of them affects the world around us.

Order #68802 12 min 2015
Grade 6-12 From TMW Media

**SHOW ME SCIENCE ADVANCED: EARTH SCIENCE**

**Ecology**

**Environment: The Everglades Ecosystem**

Southern Florida is covered by 734 square miles of subtropical wetlands known as the Everglades. In this program we explore the history and ecology of this delicately balanced ecosystem as environmentalists walk us through some of the new projects that will improve the health of this unique ecological community. The push is on for environmental clean-up, reduction of invasive species, and increased educational programs. The abuse that the Everglades sustained is now being corrected.

Order #68801 13 min 2015
Grade 7-12 From TMW Media

**SHOW ME SCIENCE: ADVANCED ECOLOGY**

**Entomology**

**Arachnids - Tarantulas!**

Tarantulas are the oldest spiders on the planet and have venomous fangs that rival many snakes. They have a combination of five characteristics that make them unique. They are hairy, have dense hair pads with retractable claws and long fingerlike spinnerets. They also have cupules, which are black studs, all around their mouthparts, used to crush food. Lastly, they have eight eyes set in a rectangular position - yet remain almost blind. Other spiders might have one or two of these traits, but only tarantulas have all five. This program crawls right into the complex world of the tarantula and our growing fascination with the king of spiders. It sheds light on different tarantula species from all over the world.

Order #68624 31 min 2014
Grades 6-12 From TMW Media

**SHOW ME SCIENCE ADVANCED: ENTOMOLOGY**

**Oceanography**

**Massive schools of sardines travel over a thousand kilometres from Durban, South Africa, up the coast to Mozambique followed by hungry predators such as gannets, dolphins, and sharks.**

**SHOW ME SCIENCE – OCEANOGRAPHY**

**Biological Diversity: Sardine Run**

The waters off the eastern cape of South Africa are teeming with life. Scientists study the behaviour of fish in these waters to get a better understanding of their place in the food web. Marine biologists look for clues as to why the sardines make this famed “Sardine Run” year after year.

Order #68809 13 min 2015
Grades 4-9 From TMW Media

**SHOW ME SCIENCE: ADVANCED OCEANOGRAPHY**
Physiology

SHOW ME SCIENCE – PHYSIOLOGY – THE MEDICAL SERIES

Audiology – Cochlear Implants
Approximately 12,000 babies are born annually in the United States with a hearing impairment. With impressive advancements in technology, cochlear implants are giving these children the ability to hear. A cochlear implant is a small, complex electronic device that can provide the sense of hearing to patients who are profoundly deaf or are severely hard of hearing. The cochlear implant helps patients hear by using electrodes that stimulate the remaining auditory nerve fibers in the patient’s cochlea. The electrical sound information is sent through the auditory system to the brain for interpretation. In this program, students will learn about the benefits of cochlear implants and how the ear works, as well as the different parts of the inner and outer ear.

Order #68810 14 min 2015
Grades 4-9 From TMW Media
DVD $59.95

Science

Agriculture - Sustainable Farming
Farmers use a variety of advanced technologies, mechanized equipment, science based data, as well as fertilizers and pesticides to ensure a profitable harvest. More recently, advances in science has improved agricultural production by leaps and bounds in developing better products and processes that increase harvests while decreasing the negative impact on health and the environment.

Order #68786 11 min 2015

Engineering – A Look at Career Opportunities for Engineers
Engineering is a broad discipline that has a wide variety of sub-disciplines such as agricultural, aerospace, civil, mechanical, environmental, and biomedical engineering. An engineer solves technical problems by applying knowledge of science and mathematics. It requires unique skills and problem solving abilities to make an engineer a useful member of teams that work to solve technically based problems relating to social and environmental issues all over the world. Through the study, experience and application of the STEM curriculum, these professionals solve a multitude of the world’s problems.

Order #68787 9 min 2015

Skyscraper - Reaching the Skies
Architects and construction engineers are building taller, larger and smarter by inventing new materials that are lightweight, robust and sturdy. The 21st century skyscraper is being tailored to the demands of location-specific environments/ecosystems and to anticipate extreme weather. This issue centers on the construction of the Burj Dubai – the tallest man-made structure in the world. The 162 floors of the Burj Dubai soar to 818 meters.

Order #68725 12 min 2014

Glass - 21st Century Technology
Telecommunication systems - semiconductors and optical fibers - require speed, accuracy and high quality. Glass is the key. Newly developed glass is both durable and scratch resistant. It is also used for terrestrial and extra-terrestrial telescopes. For example, The Very Large Telescope (VLT) in Chile uses four individual mirrors, each over eight meters in diameter, to see the details of our galaxy and beyond.

Order #68726 12 minutes 2014

Engineering - Fuelling A Greener Planet
Revolutionary changes are taking place in the automobile industry. The standard petroleum gasoline fuelled engine has some new competition from gas-electric hybrids, electric vehicles, hydrogen fuel cell vehicles, natural gas vehicles and even some automobiles that get some of their power from the Sun.

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Technology

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Robotics - Challenges for the Future
New innovations in robotics are presented while highlighting two very unique and effective robotics challenges. For elementary school students, the KISS Institute for Practical Robotics uses hands-on robotics programs to communicate the excitement, knowledge and practical understanding of science. The DARPA Robotics Challenge is a competition of robot systems and software teams representing some of the most advanced robotics research and development organizations in the world. The robots must complete a series of challenging tasks selected for their relevance to disaster response. The importance of robotics to human safety and exploration is discussed.

Order #68788 10 min 2015

Transportation - Automotive Innovations
This program examines how automobile manufacturers are striving to improve fuel economy, reliability, handling, and comfort. Impressive new designs focus on improving safety with the emergence of intelligent transportation systems, involving advanced processes and technologies that pave the way for safer and more environmentally sustainable travel.

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Light Wave Technology New Advances
Shorter wavelengths of invisible ultra-violet light, measured in Nanometers (nm), transport more energy than longer wave-lengths of visible light. That energy is finding its way into an increasing variety of high-tech applications, such as disinfecting water of hazardous micro-organisms or in the development of paint that dries in seconds. The highly competitive field of computer chip lithography has chemists and physicists working with EUV – Extreme ultra-violet light technology. Chemical engineers have designed light sensitive paints that dry quickly under a high energy ultraviolet radiator. New light technologies are being used to manufacture semiconductors, lenses and many other small scale advances in nanotechnology.
Order #68728  14 min  2014

Skyscraper Reaching New Heights
Architects and construction engineers are building taller, larger and smarter by inventing new materials that are lightweight, robust and sturdy. The 21st century skyscraper is being tailored to the demands of location-specific environments and ecosystems and to anticipate extreme weather. This program centers on the construction of the Burj Dubai - the tallest man-made structure in the world. The 162 floors of the Burj Dubai soar to 818 meters.
Order #68729  15 min  2014

Glass A Window On The Future
Today’s optoelectronic engineers are developing extremely thin glass that is both durable and scratch resistant. Telecommunications systems require speed and accuracy and glass is proving to be important in developing semiconductors, optical fibers, and multiplexing. Precisely engineered glass is also used in terrestrial and extra-terrestrial telescopes. The Very Large Telescope in Chile uses four individual mirrors, each over eight meters in diameter, to see the details of outer-space.
Order #68730  12 min  2014

Archaeology Technological Advances
Advanced digital technology using 3D-terrain maps, laser pantographs, digital photographs and satellite data is increasing our visual understanding of architectural structures of bygone eras. The multi-faceted world of digital archaeology aids researchers by supporting data management and by making visual presentations more realistic. The ancient city of Troy is re-discovered in this engaging program that fuses complex technology to uncover the past without damaging the local ecosystem.
Order #68731  16 min  2014

Energy: Battery Power Innovations
The battery has been in use since the early 1800s but it is the last twenty years that has seen the most incredible growth in portable energy storage technology. Today, batteries provide power and on-demand energy to much of our modern, high tech world from the small back-up battery in your computer to units large enough to power cars, trucks, and space stations. This program will emphasize lithium-ion technology, as well as innovations in the storage and transfer of energy.
Order #68803                        9 min               2015

Engineering: Transforming Lives with Prosthetics
Scientists and engineers have made great strides in recent years with prosthetics and orthotics. In this program we discuss how designers are striving to simulate the anatomy and physiology of missing limbs. Though some prosthetics are simple and minimally functional, others are complex bionic artificial limbs with improved designs, using advanced hydraulics, lightweight materials such as carbon fiber, and computer microprocessors and sensors.
Order #68799                 11 min                 2015

Mining: Smelting and Refining Aluminum
Metal and stone mining dates back to prehistoric times. These processes are required to obtain materials that cannot be grown agriculturally or created artificially in a laboratory. Modern mining often focuses on ores, including metals, coal, oil shale, gemstones, limestone, and many more. This program examines the processes of mining, smelting and refining of aluminum, while addressing environmental concerns.
Order #68804                     11 min              2015

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