The Child Fire - Volcanic Odysseys
77001 DVD 30 min IS 2012 Mcnabb/Connolly Films
On the Internet, it's incredibly easy, and fast, to research a topic with a few simple keystrokes. But it's also incredibly easy to end up with unreliable and non-credible information that makes your research efforts fruitless. With an overwhelming abundance of options after doing an Internet search, how can you tell which results are reliable? In this video, viewers will learn strategies for narrowing down results and honing in on credible sources of information online. Experts such as college professors and media librarians offer advice, while students share their own experiences. A special section on one of today's most popular research sites - Wikipedia - investigates whether it's trustworthy or not for academic or professional use.
No Other Versions Available

Chris Hadfield: The Man Who Tweeted Earth
76704 DVD 45 min IST 2013 Canadian Broadcasting Corp.
Chris Hadfield made us love space again. Tweeting, snapping photos, and regularly connecting with folks back home as he hurtled around the earth aboard the International Space Station (ISS). Hadfield is the first Canadian commander ever of one of the most complex and sophisticated examples of human technology ever built. From the moment Hadfield arrived at the ISS for his five-month mission, he transformed the way we connect to space. Millions followed his every move. His YouTube videos were instantly viral. The Queen and Captain Kirk sent him messages. But even though Hadfield made it look like fun, a whole lot of serious science happened up there. Equipment on the ISS measures solar matter to further our understanding of space. Research that can only be done in zero gravity could radically change how medical diagnoses happen on earth. And tests to figure out how to make space travel safer and more efficient.
No Other Versions Available

Colour - The Spectrum of Science - Beyond the Rainbow
77184 DVD 50 min S 2015 Mcnabb/Connolly Films
Just 15 colours tell the entire story of Earth, life and scientific discovery. More than any other planet, the Earth is awash with colour. With its flowers, oceans, rainbows and vast array of animal life, our planet stands out from the blackness of space as a multi-coloured jewel. From Lapis Lazuli, the vivid blue formed in the intense heat of volcanic activity, to the brown pigment that allowed humans to colonize the entire planet, these three episodes tell the stories of the vibrant colours that bring the Earth to life. The colours that we see are only a fraction of what's out there. Beyond the rainbow there are colours invisible to our eyes. Dr Helen Czerski tells the story of scientific discovery. To see the universe in a whole new light, Helen takes to the skies in a NASA jumbo jet equipped with a 17 tonne infrared telescope.
No Other Versions Available

Earth, The Power of the Planet - Volcanoes
75369 DVD 50 min S 2007 Mcnabb/Connolly Films
Dr. Iain Stewart uses specialist imaging and compelling narrative to tell the life-story of our planet, how it works, and what makes it so special. Examining the great forces that shape the Earth - volcanoes, the ocean, the atmosphere and ice - the programme explores their central roles in our planet's story. How do these forces affect the Earth's landscape, its climate, and its history? CGI gives the audience a ringside seat at these great events, while the final episode brings together all the themes of the series and argues that Earth is an exceptionally rare kind of planet - giving us a special responsibility to look after our unique world. This is a series that shows the Earth in new and surprising ways. Extensive use of satellite imagery reveals new views of our planet, while timelapse filmed over many months brings the planet to life. Offering a balance between dramatic visuals and illuminating facts, this
ground-breaking series makes global science truly compelling.
No Other Versions Available

The Fabrics of The Cosmos
76254 DVD 240 min S 2011 Mcnabb/Connolly Films
This series, based on the best-selling book by renowned physicist and author Brian Greene, takes us to the frontiers of physics to see how scientists are piecing together the most complete picture yet of space, time, and the universe. With each step, audiences will discover that just beneath the surface of our everyday experience lies a world we'd hardly recognize, a startling world far stranger and more wondrous than anyone expected. Brian Greene is going to let you in on a secret: Our perceptions of time and space have led us astray. Much of what we thought we knew about our universe that the past has already happened and the future is yet to be, that space is just an empty void, that our universe is the only universe that exists—just might be wrong. Titles include: What is Space?, The Illusion of Time, Quantum Leap and Universe or Multiverse?
No Other Versions Available

How to Build a Planet
76869 DVD 50 min IS 2013 Mcnabb/Connolly Films
The ultimate engineering project... how on earth do you build a planet that is just right for life? What do you need to build a planet like ours, and what happens if you get anything wrong? With eye-popping graphics, this program opens up a cosmic toolbox to work it out. We build the whole thing, piece by piece, from the top of a two-mile high tower in the Californian desert.
No Other Versions Available

(Re)action = Trajectories to Learning
629.4 08421 Book 24 p. ST 2012
The Canadian Space Agency has developed (Re)action = Trajectories to Learning as a teaching/learning tool to coincide with Canada's second expedition to the International Space Station (ISS) where Canadian astronaut Chris Hadfield will make history by becoming the first Canadian commander of the orbiting laboratory. This product provides students with a simulated, interactive and immersive context that will allow them to experience the science they are learning as a member of Hadfield's crew. Their challenge is to design the Attitude Control System (ACS) for the Canadian Expedition Free Flyer and prepare a flight plan for launching it to the ISS. Through this process they will learn about technologies used to launch spacecraft and maintain orientation in the space environment.
No Other Versions Available

Volcano
75090 DVD 50 min IS 2007 Mcnabb/Connolly Films
Volcanoes are usually seen as destructive and frightening, but they are critical to making the earth a home for life. No force has played a more important role in creating the planet we know today. Travelling to Ethiopia, Iceland and New Zealand, this programme reveals how the Earth's inner heat shapes our world raising great mountains, leveling cities, creating new land, and destroying it too. Even powering the evolution of life on Earth. Without it the Earth would have become a dead planet millions of years ago.
No Other Versions Available
Cosmologists are daring to think the unthinkable. The universe as we know it doesn’t exist. We are just one miniscule part of a much bigger picture - a multiverse of infinite proportions. Once considered the domain of extreme scientists, new evidence from all areas of physics now suggests that the multiverse is a real possibility. In this visually stunning film, we travel through four very different visions of the multiverse. Get ready to leave your pre-conceived notions of reality at the door and open your minds to whole new worlds of possibility.

No Other Versions Available