



SCIENCE CHANNEL FEBRUARY 2010 HIGHLIGHTS

*All times ET/PT

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**Denotes programs with artwork available for download at
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SPECIAL PROGRAMMING

PREDICTING MONSTER EARTHQUAKES

North American Premiere

Sunday, February 14 at 9 PM

Capable of ripping up roads, moving mountains and tearing down towns, earthquakes are the biggest force of natural destruction on the planet. Quakes a problem affecting parts of every continent and billions of dollars are being poured into research. And yet, remarkably, when earthquakes hit, they invariably take us by surprise. This special asks the question confounding geologists, seismologists, town planners, big businesses and ordinary people alike: how can we predict an earthquake?

ALIENS OF THE DEEP

U.S. Premiere

Wednesday, February 17 at 8 PM

A soft boneless body, two enormous eyes that take up a quarter of its body weight, eight tentacles, and a brain and intestines in a single pouch... one carnivorous predator that can grow up to five meters long, change shape and color at will to disappear into the background, solve complex problems with a formidable intelligence, walk on land and sea, and cross through fire. Sound like your worst outer space alien nightmare? Think again! This alien-like creature – the OCTOPUS – has lived side-by-side with mankind from the beginning, and only now are we beginning to unravel the extent of its astounding abilities.

ONGOING SERIES

SCI-FI SCIENCE: PHYSICS OF THE IMPOSSIBLE

Series Airs Tuesdays at 10 PM

[TV-G]

****Artwork Available**

Based on the New York Times best-selling book, "Physics of the Impossible," Dr. Michio Kaku takes viewers to the frontiers of science with an authoritative exploration of the world of phasers, force fields, teleportation, time travel and more. He investigates the

physics behind some of science fiction's wildest offerings and concludes that many of the technologies once thought impossible may actually be inevitable.

<p>Tuesday, February 9 10 PM World Premiere [TV-G]</p>	<p><i>How to Build a Flying Saucer</i> For decades scientists have tried to copy the unique capabilities of flying saucers. Now, Dr. Michio Kaku reveals how a flying saucer could become reality. He experiments with an ion lifter, and meets cosmologist Alan Guth who believes that out in deep space we may one day find exotic monopole magnets.</p>
<p>Tuesday, February 16 10 PM World Premiere [TV-G]</p>	<p><i>How to Build a Force Field</i> Every starship needs a force field – the ultimate protection against asteroids, space debris and enemy attack. Dr. Kaku reveals how to build a real life deflector shield using components from cutting-edge experiments and theoretical physics. At Boston's Museum of Science, Kaku demonstrates the power of lightning while standing in a giant Faraday cage. At Columbia University he fires up a stellarator to show how magnetic fields can control plasma.</p>

METEORITE MEN

World Premiere

Series Airs Wednesdays at 9 PM

In this thrilling new series that brings us closer to space than ever before, Geoff Notkin and Steve Arnold go on an adventurous journey hunting asteroid rocks. They share a passion for adventure, traveling to wild places, and hunting for extraterrestrial visitors from outer space. With three 4WD trucks, two ATVs, two giant metal detectors and an array of other hunting gadgets, the Meteorite Men cover hundreds of acres of ground. No area goes uncharted as they search in plowed fields, dense forests, rolling hillsides, abandoned farms, and unmarked dirt roads in the hunt for the valuable and mysterious space rocks.

<p>Wednesday, February 3 9 PM World Premiere [TV-G]</p>	<p><i>Episode Three</i> Description TBA</p>
<p>Wednesday, February 10 9 PM World Premiere [TV-G]</p>	<p><i>Episode Four</i> Description TBA</p>
<p>Wednesday, February 17 9 PM World Premiere [TV-G]</p>	<p><i>Episode Five</i> Description TBA</p>
<p>Wednesday, February 24 9 PM World Premiere</p>	<p><i>Episode Six</i> Description TBA</p>

[TV-G]	
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MANTRACKER

U.S. Premiere

Series Airs Wednesdays at 10 PM

**** Artwork Available**

Terry Grant is an expert, veteran outdoorsman trained to track and retrieve missing persons in the deep wilderness. Unflappable in any environment, Grant's mission in each episode of **MANTRACKER** is to track two contestants through rough country and capture them before they can reach the finish line. Trekking through deep woods, rugged rock face and rushing rivers, the contestants get a three kilometer head start and a compass, but must battle their surroundings, a 36 hour time limit and a proud Grant in order to avoid capture.

Wednesday, February 3 10 PM U.S. Premiere [TV-PG]	<i>Rene and Dave</i> Brothers and business partners Rene and Dave lead Grant on a chase through treacherous land full of lakes and woods. It's unknown terrain for Mantracker who brings his considerable skills to the boreal forest.
Wednesday, February 10 10 PM U.S. Premiere [TV-PG]	<i>Chelsea and Trev</i> Mantracker adjusts his tracking skills to suit the California high desert of Mojave. He's up against Chelsea, a volatile mix of smarts and instinct, and Trev, an entrepreneur. Both hope their backcountry experience and level headedness prevail.
Wednesday, February 17 10 PM U.S. Premiere [TV-PG]	<i>Andrew and Hainsley</i> Andrew and Hainsley are fast-talking, city-slickers with a love of sports, the outdoors and themselves! Will they be an easy catch for Mantracker or escape his clutches.
Wednesday, February 24 10 PM U.S. Premiere [TV-PG]	<i>Brian and Julie</i> Siblings Brian and Julie have spent a lot of time together and feel their unspoken communication will help them to victory. They've got the outdoor experience, but this is Mantracker's turf, and for Brian and Julie it's entirely new territory.

HOW IT'S MADE

Friday, January 8 at 9 PM

[TV-G]

From holograms and fiber optics to chocolate and hockey sticks, viewers will learn how many of the everyday objects that we seldom stop to think about were created. In each episode of this series, viewers follow the objects from its parts to a finished object and see the factories that produce the products.

BIG, BIGGER, BIGGEST

North American Premiere

Series Airs Fridays at 10 PM

BIG, BIGGER, BIGGEST follows the evolutionary engineering leaps that enabled iconic structures to grow in size. Each episode tries to understand how these structures have grown so large and learn about the turning points that propelled the structure to explode in size and scale into the largest, heaviest and longest structures in the world. Viewers will see the largest structures of the kind, travel through history to see the smallest examples and along the way meet the characters who influenced the progress.

Friday, February 5 10 PM North American Premiere [TV-G]	<i>Spacecraft</i> The International Space Station is the largest spacecraft ever built. This joint venture involving 16 countries represents the culmination of more than six decades of human ingenuity.
Friday, February 12 10 PM North American Premiere [TV-G]	<i>Dam</i> Three Gorges Dam creates a power output of more than ten nuclear power stations. The Dam has the world's biggest ship lift that allows 30,000 ocean-going vessels per year to navigate this artery.
Friday, February 19 10 PM North American Premiere [TV-G]	<i>Oil Rig</i> Hibernia Rig is the biggest oil platform in the world with concrete teeth that surround its base to absorb iceberg impact, and drills that can pump 150,000 barrels of crude oil per day.
Friday, February 19 10 PM North American Premiere [TV-G]	<i>Telescope</i> The Large Binocular Telescope – located at an altitude of 10,700 ft on the peak of Mount Graham in Arizona – is the world's highest resolution optical telescope, with mirrors the size of buses.

MARATHONS

72 HOURS OF HOW IT'S MADE MARATHON

Friday, January 29 – Tuesday, February 2 from 8 PM – 2 AM

The favorite Science Channel series continues to explore the captivating story behind how everyday objects we seldom stop to think about become the items we value. In 72 hours worth of **HOW IT'S MADE** episodes, viewers will be amazed to see how many common objects are manufactured in high-tech factories around the world.

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