



## SCIENCE CHANNEL JANUARY 2010 HIGHLIGHTS

\*All times ET/PT

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The marking "(wt)" designates a working title and may be subject to change.

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

#### HOW TO SEE A BLACK HOLE

**North American Premiere**

**Tuesday, January 26 at 9 PM**

M.I.T. astronomer, Shep Doeleman, shows viewers never before seen images of a black hole. To accomplish this Doeleman has synchronized highly accurate atomic clocks with telescopes in Arizona, California and Hawaii. The result is essentially a telescope the size of a continent. Viewers will see footage from the telescope which is directed at one point at the center of our galaxy, 27,000 light years away, to where scientists believe the super massive black hole, Sagittarius A\*, lurks.

### SERIES PREMIERES

#### METEORITE MEN

**World Premiere**

**Wednesday, January 20 at 9 PM**

**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.

<b>Wednesday, January 20</b> <b>9 PM</b> <b>World Premiere</b> <b>[TV-G]</b>	<b><i>Episode One</i></b> Description TBA
<b>Wednesday, January 27</b> <b>9 PM</b>	<b><i>Episode Two</i></b> Description TBA

<b>World Premiere</b> <b>[TV-G]</b>	
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### **BIG, BIGGER, BIGGEST**

**North American Premiere**

**Friday, January 8 at 10 PM**

**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.

<b>Friday, January 8</b> <b>10 PM</b> <b>North American</b> <b>Premiere</b> <b>[TV-G]</b>	<b><i>Submarine</i></b> Ohio Class is the largest submarine ever constructed by the US Navy, equipped with 24 long-range ballistic missiles and a nuclear reactor that can power it to speeds of 20 knots. We'll travel onboard with the 140 crew of one of the US Navy's flagship submarines, to reveal what it's like to live life skimming the bottom of the ocean floor in the US Navy's biggest submarine ever.
<b>Friday, January 15</b> <b>10 PM</b> <b>North American</b> <b>Premiere</b> <b>[TV-G]</b>	<b><i>Aircraft</i></b> The Antonov AN-124 is the world's biggest operational cargo aircraft. At over 220 feet long with a wingspan of 240 feet, it's big and strong enough to carry a house.
<b>Friday, January 22</b> <b>10 PM</b> <b>North American</b> <b>Premiere</b> <b>[TV-G]</b>	<b><i>Tunnels</i></b> Twenty-four million tons of rock is being excavated from the Alps, equal to five pyramids, to create the 35-mile long Gotthard Base Tunnel. The tunnel will form the major North-South rail spine across Europe.

## **RETURNING SERIES**

### **MANTRACKER**

**Season Premiere**

**Wednesday, January 20 at 10 PM**

**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.

<b>Wednesday, January 20</b> <b>10 PM</b> <b>U.S. Premiere</b> <b>[TV-PG]</b>	<b><i>Billy and the Rev</i></b> These hard-core extremists call themselves the "mountain dogs." They have a few tricks up their sleeves and on their ski poles as they tackle Southern California's Big Bear Mountain and attempt to lose <b>MANTRACKER</b> who is hot on their tails.
<b>Wednesday, January 27</b> <b>10 PM</b> <b>U.S. Premiere</b> <b>[TV-PG]</b>	<b><i>Jessica and Lauren</i></b> Two sisters Lauren and Jessica use their different talents to attempt to escape <b>MANTRACKER</b> through the mountainous terrain of Big White, British Columbia.

## 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.

<b>Tuesday, January 5</b> <b>10 PM</b> <b>World Premiere</b> <b>[TV-G]</b>	<b><i>How to Build a Parallel Universe</i></b> Dr Michio Kaku is on a mission to design a gateway to a parallel universe. He visits M.I.T. cosmologist Alan Guth to explain his recipe for creating your own universe in the lab. Also, physicist Neil Turok explains how a parallel universe may be only an atom's length away from us, just hidden in another dimension.
<b>Tuesday, January 12</b> <b>10 PM</b> <b>World Premiere</b> <b>[TV-G]</b>	<b><i>How to Become a Superhero</i></b> Superhero powers are every kid's dream. Dr. Ray Boughman demonstrates how memory metal and alcohol vapours can create super strong artificial muscles. Chris Magel from the Virginia Institute of Marine Science explains how a lobster's eye gives inspiration for the design of a pair of super sight goggles.
<b>Tuesday, January 19</b> <b>10 PM</b> <b>World Premiere</b> <b>[TV-G]</b>	<b><i>How to Teleport</i></b> Dr Michio Kaku shows us how teleportation may sound like sci-fi fantasy but it might not be so far fetched after all. He visits the Joint Quantum Institute at the University of Maryland to reveal that it's already taking place on an atomic level.
<b>Tuesday, January 26</b> <b>10 PM</b> <b>World Premiere</b>	<b><i>How to Travel Through Time</i></b> Dr. Kaku explores the seeming impossible art of time-traveling. Professor Jeffrey Hoffman, the first man to

<b>[TV-G]</b>	spend more than a thousand hours in space, explains why the effects of time dilation make him a time traveler. At Princeton University, Dr. Kaku meets Dr. J. Richard Gott who developed a theory for time travel that uses cosmic strings.
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#### **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.

<b>Friday, January 8 9 PM U.S. Premiere [TV-G]</b>	<b><i>Season 6: Episode 26</i></b> See how Retractable Ballpoint Pens, Solar Salt, Tubas are made.
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## **MARATHONS**

#### **HOW DO THEY DO IT? MARATHON**

**Thursday, December 31, 2009, from 12 PM – 6 AM**

Ever wonder how that GPS System you got from your wife this holiday season actually works? Or, how engineers fit all that horse power in the Ferrari you wish you had gotten with the GPS? Science Channel's popular series **HOW DO THEY DO IT?** is providing answers to these questions and more about Ferraris, GPS systems, mega freeways, champagne, jumbo jets, gravity suits, LED televisions, electricity and other popular everyday or exotic items.

#### **HOW IT'S MADE MARATHON**

**Friday, January 1, 2009, from 12 PM – 6 AM**

Before you leave milk out with those cookies for Santa Claus, take back that brand new luxury watch or bike helmet that doesn't quite fit, eat another piece of holiday chocolate, or try out that new, prized bowling ball find out **HOW IT'S MADE**. 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 each episode of this series, viewers are amazed to see how many common objects are manufactured in high-tech factories around the world.