

Applied Science

The Rise and Rise of New York's Billionaire's Row (12:02)

<https://www.youtube.com/watch?v=gYLQThUxpvQ>

<https://youtu.be/gYLQThUxpvQ>

The B1M Dec 19, 2018

In spite of antiquated regulations, science helps developers and engineers create desirable habitat structures.

Visual Depictions:

<i>--coping with the statutes:</i>	<i>5:10 to 5:35</i>
<i>--increasing building sizes:</i>	<i>6:13 to 6:24</i>
<i>--the building cross section:</i>	<i>7:39 to 7:45</i>
<i>--reduction of drag, single building:</i>	<i>8:33 to 9:30</i>
<i>--reduction of drag, group of buildings:</i>	<i>10:06 to 10:30</i>

Young Jeff Bezos: "Where Did You Get the IDEA for AMAZON.com?" (6:04)

<https://www.youtube.com/watch?v=gSG-RM7oxss>

<https://youtu.be/gSG-RM7oxss>

Evan Carmichael Jan 5, 2019

From a 1997 Interview. Bezos noticed the explosive growth rate of the Internet. He reasoned that selling books online would be a good bet.

The Day the Mesozoic Died: The Asteroid That Killed the Dinosaurs (33:50)

https://www.youtube.com/watch?v=tRPu5u_Pizk

https://youtu.be/tRPu5u_Pizk

BioInteractive Aug 26, 2014

Scientific detective work that

- 1. Identified the K-T impact event, and*
- 2. Found other hard evidence to further support it, and*
- 3. Located the crater.*

ScienceCasts: A Telescope Bigger than a Galaxy (3:36)

https://www.youtube.com/watch?v=3_iTofcXqfM

https://youtu.be/3_iTofcXqfM

ScienceAtNASA Mar 6, 2014

The gravity of distant galaxies can bend light and magnify the backgrounds (relativity effects). In these areas, astronomers can see farther into the cosmos, and see more detail.

Simulation of the orbits of stars around the black hole ... (1:52)

<https://www.youtube.com/watch?v=wYuj7-XE8RE>

<https://youtu.be/wYuj7-XE8RE>

European Southern Observatory (ESO) Jul 26, 2018

Credit: ESO/L. Calçada/spaceengine.org 26 July 2018 14:00

<https://www.eso.org/public/videos/eso1825f/>

Stars orbiting supermassive black hole show Einstein was right again

<https://phys.org/news/2017-08-stars-orbiting-supermassive-black-hole.html>

August 14, 2017, Universe Today

Ongoing verification of Einstein's Theory of General Relativity.

IBM Unveils Groundbreaking Quantum Computing System (6:28)

<https://www.youtube.com/watch?v=QRaEvXF4YBg>

<https://youtu.be/QRaEvXF4YBg>

Fortune Magazine Jan 8, 2019

Quantum computers built specifically for business use.

Transparent Aluminum - Star Trek Technology is now Real (3:48)

<https://www.youtube.com/watch?v=DduO1fNzV4w>

<https://youtu.be/DduO1fNzV4w>

Wonder World Feb 24, 2018

Aluminum oxynitride or ALON is a ceramic composed of aluminum, oxygen and nitrogen. Optically transparent. Stronger than glass. Stops bullets.

Massive Crater Discovered Under Greenland Ice (4:29)

<https://www.youtube.com/watch?v=vTr3VdGIFr8>

<https://youtu.be/vTr3VdGIFr8>

NASA Goddard Nov 14, 2018

NASA Finds Second Massive Greenland Crater (0:54)

<https://www.youtube.com/watch?v=2AFq2rti3-4>

<https://youtu.be/2AFq2rti3-4>

NASA Goddard Feb 11, 2019

Two impact craters, about 114 miles apart. Each impact would have caused a life changing event on the planet.

News from Mars: A mile-deep ice crater and marsquakes

<https://www.cnn.com/2018/12/20/world/mars-express-ice-nasa-insight/index.html>

By Ashley Strickland, CNN

Updated 1:53 PM ET, Thu December 20, 2018

The volume of frozen water-ice in this crater would fill a cube 12.4 by 12.4 by 12.4 miles (a volume of about 1900 cubic miles).