



Dream Big: Engineering Our World

Photo Captions

The photos in this section may only be used in reference to and in promotion of the *Dream Big* film and its educational outreach programs. When using these photos, please include copy to indicate the image is from the film, *Dream Big: Engineering Our World*.

Image #1 Angelica & robotics team

Engineer Angelica Hernandez, featured in the film *Dream Big*, mentors students from her former Phoenix high school as they prepare to enter the same robotics contest that Angelica's team won 12 years ago.

Image #2 Solar powered car in Australia

Racing 1500 miles across Australia in the World Solar Challenge, students test their sun-powered vehicles in a race to advance solar and transportation technology.

Image #3 Big Bertha in Seattle

The six-story tall cutter head of the world's largest tunnel boring machine, called "Big Bertha," will appear life size on the giant screen in the film *Dream Big*. Big Bertha is drilling a double-decker highway tunnel under downtown Seattle.

Image #4 Bird's Nest Stadium in Beijing with Steve Burrows

Engineer Steve Burrows, in the film *Dream Big*, walks through the innovative design of the Bird's Nest Stadium in Beijing, China. Steel beams hide supports for the retractable roof giving the stadium the appearance of a bird's nest.

Image #5 Longest Suspension Bridge in China

The Longjiang Bridge is the longest and highest suspension bridge in China. Spanning a distance almost equal to the Golden Gate Bridge, the Longjiang towers above a more than 900 foot river gorge, in western Yunnan Province. The *Dream Big* film showcases dramatic views of the bridge during its construction.

Image #6 Bridge in Haiti at sunset

Kids form silhouettes at sunset as they run across the newly built Chameau bridge in Haiti. Bridges like these, built in developing countries, signal a new field of study and work called humanitarian engineering. The building of the bridge is featured in the film *Dream Big*.

Image #7 Bridge engineers in Haiti

Engineers work on the final pieces for the deck of the Chameau footbridge in Haiti, as seen in the film *Dream Big*. The Chameau Bridge will provide welcomed access to schools and medical care for isolated, rural families.

Image #8 Menzer Pehlivan with children

Dream Big delves into the inspirational story of Civil Engineer Menzer Pehlivan, who as a young girl experienced a devastating earthquake in Turkey. Here, Menzer uses everyday items to demonstrate to children how engineers design and build earthquake-proof structures.

Image #9 Shanghai Skyline with Shanghai Tower

On China's central coast, Shanghai builds ever taller to accommodate its 24 million residents. Its skyline includes the 2073-ft Shanghai Tower, where 16,000 people can live, work and play. The skyscraper is the world's second tallest building and its innovative design is featured in *Dream Big*.

Image #10 Stinky the Robot in pool

"Stinky" the robot splashes into the pool before it commences the several tasks it must complete for an underwater robot competition. Featured in the *Dream Big* film, the team of high school engineers surprised everyone with their robot and their ingenuity.

Image #11 Filming at the Great Wall of China

A MacGillivray Freeman film crew shoots atop an ancient world wonder, the Great Wall of China, for the upcoming giant screen film *Dream Big: Engineering Our World*.

Image #12 Shanghai Tower

On China's coast, where typhoons roar, engineers designed the super tall Shanghai Tower with a twisting, spiral shape. Its aerodynamic design drastically reduces the impact of the wind on this 2073-foot, 128-story structure, the second tallest building in the world.

Dream Big: Engineering Our World is a MacGillivray Freeman Film in partnership with the American Society of Civil Engineers, presented by Bechtel Corporation.

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