

Weekly Discovery

We SHARE to inspire and ignite ideas!

14 March 2016 - 18 March 2016

ARCHITECTURE

12 Gorgeous Prefab Homes That Can Be Assembled In Three Days Or Less



Check out the 12 homes of the future. They are eco-friendly, affordable and can be built in less than 3 days anywhere in the world. With the increasing popularity of pre-fab architecture, more varieties are emerging, ranging from hobbit homes clad in green roof, to a net-zero modular home or bamboo houses. You can find out more about these homes in this article about innovative pre-fab architecture.

ENTREPRENEURSHIP

Five Ways To Tell Your Brand's Story



These days, companies aren't just companies. Rather they are a vision, a cause that provides solutions to problems. But, how do you convey that to the public or target market? Check out these five stories, with some advice on how to use them to write your brand's next chapter!

INNOVATION How To Build A Culture Of Originality



Innovative thinking is the key to business growth and success. Do you know that it can be fostered by creating a culture of nonconformity? The author shares a number of ways to achieve this, starting from allowing your employee's imagination go wild to obtaining a large pool of diverse ideas. Check out this insightful article from Harvard Business Review on how to develop and maintain a culture of originality.

Source: Inhabitat.com (March 2016)

ROBOTICS Robots That Teach Each Other



There are some jobs that we wish that robots could do, such as packing items, helping soldiers on the front lines and helping bed-ridden patients. However, robots don't recognize and easily handle common objects. Researchers have got together to get robots around the world upload the data that they've "learned" to a cloud for other robots to analyze and use the information. Imagine how much painstaking programming this could avoid!

Source: Entrepreneur (April 2016)

SCIENCE

The Ear as Tape Measure



A study done at the University of Rochester proves that our ears are capable of estimating distances. In the study, 12 people were shown projected clusters of dots. When a sound was played about 40 or 60 milliseconds after the dots appeared, the participants estimated the clusters to be further away than clusters with simultaneous or preceding sounds. This is a new finding, as it was previously thought that distance estimation was only accomplished visually. You may also access the actual research article here.

TECHNOLOGY The Fantastical, Highly Questionable, But Totally Exciting

Source: Harvard Business Review (March 2016)



It may sound like an idea too fanciful and unrealistic. Drones cannot yet freely roam the sky and autonomous cars are still a long way from entering the road. But we are now looking at a flying car! This is Ehang 184, coming with efficient electric motors and sensors to detect obstacles and software to enable air-traffic control. The article has also made the following point: Ambition always outpaces regulation. If no one tries to invent a flying car, regulators will never be forced to regulate.

Source: MIT Technology Review (March/April 2016)

Source: Scientific American (February 2016)

Source: Popular Mechanics (April 2016) For more articles or in-depth research, contact us at library@sutd.edu.sg! An SUTD Library Service©2016