

# Scope out the Site!

How much do you know about engineering? Take this little quiz and find out!

1. What is the fastest growing engineering discipline?
  - a. Nuclear
  - b. Biomedical
  - c. Environmental
  - d. Bobsledding
2. At the Woods Hole Oceanographic Institute, Hanumant Singh's robots help do what?
  - a. Help him water-ski
  - b. Explore ancient shipwrecks
  - c. Map the seabeds
  - d. Monitor pollution
3. The best definition of a sustainable building is one that
  - a. Lasts at least 50 years
  - b. Doesn't use air-conditioning
  - c. Uses energy more efficiently, for less waste and pollution
  - d. Can withstand heavy shocks, like earthquakes
4. How can new computer technologies realistically help our health care system?
  - a. Provide robotic delivery of simple medical treatments
  - b. Provide earlier detection for diseases through computer imaging
  - c. Perform surgery at remote locations
  - d. All of the above
5. Manufacturing engineers have devised a new tape that imitates the natural sticky ability of
  - a. Geckos
  - b. Spiders
  - c. Six-year olds
  - d. Chewing gum
6. CSI forensic specialists help solve murders, but material engineers, use forensics to
  - a. Prevent murders
  - b. Create composite materials
  - c. Build a Shrink-Ray
  - d. Determine why bridges, devices, and cars fail
7. Which power source is an important transition between dirty petroleum and clean energy sources such as wind and solar power?
  - a. Natural gas
  - b. Coal
  - c. Water power
  - d. Hydrogen fuel cells
8. Engineers have created innovative machines to explore our oceans. How much ocean is still unexplored?
  - a. 40%
  - b. 65%
  - c. 85%
  - d. 95%
9. Which type of engineer can be seen making race cars and golf balls go faster?
  - a. Industrial/Manufacturing
  - b. Aerospace
  - c. Materials
  - d. Computer
10. Robert Wood's tiny robots one day might be used to keep track of terrorists. What do they look like?
  - a. Flaming sharks
  - b. Fighter jets
  - c. Metallic flies
  - d. Airport security check guards
11. NASA engineers are using hydroponic techniques to do what?
  - a. Grow food in space
  - b. Build faster space ships
  - c. Explore the oceans
  - d. Teleportation
12. Which of the following things do engineers create, design or build? May be more than one.
  - a. Bullet-proof vests
  - b. Flavored coffee
  - c. Make-up
  - d. Helicoptors
  - e. iPods
  - f. Video games
  - g. Perfume
  - h. Movie special effects
  - i. Spaceships
  - j. Cleaner water
  - k. Ski boots
  - l. Bridges
  - m. Computers
  - n. Bathing suits
  - o. Disease-resistant crops
  - p. All of the above

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