



# Future Car

*Activity 3: Grades 5-8 and 9-12*

## **Frontiers Pop- Quiz**

1. What revolutionary manufacturing technique did Henry Ford invent?
2. What is the name of the concept car General Motors unveiled at the Detroit Motor Show in 2002?
  - a. Tin Lizzie
  - b. AUTOonomy
  - c. Mustang
  - d. Tzero
3. Achieving environmental sustainability means making cars that consume less \_\_\_\_\_ and give off less \_\_\_\_\_.
4. What two sources of power does the hybrid Toyota Prius rely on?
  - a. Oil and water
  - b. Gas and electric
  - c. Hydrogen and electric
  - d. Peanut butter and jelly
5. Diesels get about 30 percent better mileage than gasoline-powered cars. True or false?
6. Fuel cells make electricity from hydrogen and oxygen. True or false?
7. Instead of exhaust, what trickles out of the F-Cell's tailpipe?
8. What is the platform that contains all of the systems for AUTOonomy and Hywire called?
  - a. The skiff
  - b. The roller skate

- c. The skateboard
- d. The chassis

9. In what form does the battery that Stanford and Iris Ovshinsky have developed store hydrogen?

- a. Solid
- b. Liquid
- c. Gas
- d. Arkansas

10. From what natural resource are Icelanders getting hydrogen?



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1. What revolutionary manufacturing technique did Henry Ford invent? **(The moving assembly line.)**
2. What is the name of the concept car General Motors unveiled at the Detroit Motor Show in 2002?
  - a. Tin Lizzie
  - b. AUTOnomy**
  - c. Mustang
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3. Achieving environmental sustainability means making cars that consume less \_\_\_\_\_ and give off less \_\_\_\_\_.  
**(Oil and pollution)**
4. What two sources of power does the hybrid Toyota Prius rely on?
  - a. Oil and water
  - b. Gas and electric**
  - c. Hydrogen and electric
  - d. Peanut butter and jelly
5. Diesels get about 30 percent better mileage than gasoline-powered cars. True or false?  
**(True)**
6. Fuel cells make electricity from hydrogen and oxygen. True or false? **(True)**
7. Instead of exhaust, what trickles out of the F-Cell's tailpipe?  
**(Water and water vapor)**
8. What is the platform that contains all of the systems for AUTOnomy and

Hywire called?

- a. The skiff
- b. The roller skate
- c. The skateboard**
- d. The chassis

9. In what form does the battery that Stanford and Iris Ovshinsky have developed store hydrogen?

- a. Solid**
- b. Liquid
- c. Gas
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10. From what natural resource are Icelanders getting hydrogen? **(Magma)**