



EXPLORE CARS AND CAREERS!

- Do you think cars are cool?
- Do you like making or creating things?
- Do you think using computers to explore and learn is fun?
- Do you like math and science?

If you answered **yes** to any of these questions, you have some of the **same interests** as **automotive designers** and **engineers** who create cars and trucks. These people use **math, science and technology** in their **careers** every day! Listed below are **only a few** of the people who work together to make a car.

Read the automotive job titles and descriptions, write the number of the car part each might have created.

- A. 1. Exterior Designer - Designs what the outside of the car will look like, including the shape and location of the headlights.**
- 2. Color and Trim Designer - Decides what color the inside and outside of the car will be.**
- 3. Interior Designer - Designs what the inside of the car will look like.**
- 4. Safety Engineer - Makes sure the items that are responsible for saving your life, even if other things break, will still work.**
- 5. Mechanical Engineer - Works on many parts of the car, including the engine.**
- 6. Automotive Manufacturing Engineer - Creates seats, radios and wheels, like this Dub wheel, which is a wheel or rim that is 20 inches thick or larger.**

A. **B.** **C.** **D.** **E.** **F.**

dashboard and interior
brown on the inside, green on the outside
seatbelt
Dub wheel

"It takes many people and many parts to make me GO!"

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- A. Clay Modeler**
- B. Color and Trim Designer**
- C. Digital Sculptor**
- D. Environmental engineer**

- 1. Creates three dimensional models of vehicle designs using computers. Needs strong technical and mathematical skills.**
- 2. Works closely with engineers to turn drawings into a concept car. Must have a strong background in drawing and sculpture.**
- 3. Improves the manufacturing process to reduce waste and pollution.**
- 4. Texture, color and fabrics are specialties of these designers.**

