

## ASSIGNMENT

Have you ever created inventions in your imagination? Let's test our inventive skills with the following problem presented to a group of designers:

“City officials are discouraged by the **increase in traffic** as the population grows, and more and more people commute back and forth to work every day. Traveling to and from work has become more burdensome as well as hazardous. Traffic tie-ups along major arteries result in high stress, more accidents and even an increase in crime.

“In an attempt to overcome the problem, the aviation committee has announced a **contest for the invention of an innovative new commuter vehicle**—one that would not be restricted to the use of city streets. Perhaps it would travel below the streets, perhaps above them—the door of invention is wide open and money is no object. The well-being of the human race may depend on this new design.

“Whoever creates the winning design will be given the honor of naming the machine. Contestants must keep in mind the problem of **overcrowding**, not only on the streets but also in parking lots, as well as the challenge provided by seasonal **changes in temperature**.

“Besides providing a drawn design of the vehicle, the proposal must include ‘specifications’ such as **how the vehicle is powered, how it solves the traffic problems, and how it solves the parking problem.**”