

## The Art of Sketching

**Objective:** Students will learn how to sketch a race car from different points of view.

**Time:** One hour

**Materials:**

1. Pencils
2. sketching paper
3. large poster boards.

**Leader's Note:**

1. Tell the student they will sketch a race car.
2. The purpose of sketching is to help you develop a concept.
3. It also assists others in seeing your vision.
4. Sketching gives you a basic outline of the car.
5. Four interesting facts about racecars are...
  - Many racecars can drive upside down if needed
  - A top fuel dragster (car built for drag racing) hits 300mph in just over three seconds flat
  - A race car can use up to 65 – 85 gallons fuel per minute.
  - The car's exhaust (air expelled from engine) can reach up to 1,000 degrees Celsius or 1832° Fahrenheit.

**Activity 1**

1. Tell the students they will sketch a race car.
2. Break the students up in to groups of three or four.
3. Give each group directions on how to sketch a race car.
4. Directions can be found at the following website
  - <http://www.juniorcardesigner.com/how-to-draw-a-nascar-race-car-step-by-step/>
5. You can also do an Internet search or YouTube on "How to sketch a race car"
6. Have the students follow each drawing stage until they have successfully completed their drawing.
7. Have the student sketch a larger version of the car of a poster board.
8. Explain that this time they are designing a car for someone famous.
9. Have them select their own famous person and design the car based on what they think their famous person would like.
10. They can add more details to the car if they like
11. Before the end of class, each group should present their car.
12. They should explain who they have designed their car for and why they have chosen to design it that way.