

Model Cars



Skill Level: 1

Original Honor: 1928

<https://www.youtube.com/watch?v=I9pwO6oCJU>

https://www.youtube.com/watch?v=wbV_ORs6160

Requirements:

1. Build at least one plastic model car from the parts supplied in a kit. Car must be stock in every respect. (Picture or Video evidence)

Plastic model kits can be bought at most hobby shops and craft stores. You can also find them on the Internet, consignment shops, yard sales, thrift stores, and at large retailers.

The requirement that the car be "stock" means that the car must be assembled as per the basic instructions that come with the kit to look like the prototype, but which could be painted in any of a variety of colors. In fact, painting a plastic model is the most critical step to make the model look like a miniature real car. It does not mean that it must be a racing "stock" car.

Most kits require model glue, a craft knife (or sprue cutter), tweezers, and paint and paint brush or spray paint. Some kits are snap-together, but the better ones require glue. These items can be purchased in the same places that sell model cars.

2. Build a second car using extra accessories included in the kit or create alterations using putty and/or parts from other kits. (Decals don't count). Include paint job. (Picture or Video evidence)

The real fun of model car building is in personalizing and customizing your model to make it unique and interesting.

Some car kits come with extra parts that can be used to modify or change the outlook of the finished car. Take these parts or another entire car kit and mix them to create an entirely new car look. An example would be to take the "chrome" side exhaust from a Dodge Viper or older Corvette model and apply it to the sides of another vehicle or the spoiler from an foreign model car or even a "tuner car" and add it to a car without a spoiler to make it look more sporty. Many after market accessories can be purchased or fabricated.

Painting is actually one of the first steps before model assembly. The paint may come with the model, or you may have to buy it separately. If you buy it separately, then try some different paint jobs. There are many different painting techniques to explore in model building. Consider different types of paint and different looks. Do you want your sports car model to have a showroom shine or maybe your model Jeep to look like it just came out of a mud bog! Look at the links in the reference section for guidance and ideas.

3. Write (400 words) or give orally (5 mins) a report on the history of automobiles.

Be sure to include interesting steps in the development process such as notes on engine sizes, automatic transmissions, power steering, computerized controls, etc.