

Fill in the correct words:

task - windshield - headlights - technique - suspensions - bounce - hands - wheels - design - sports cars - metallic surfaces - technological - racing scenes - production process - self-driven - employed - road

The making of 'Cars' involved great _____ expertise in order to build a believable setting for cars with human characteristics. From the very onset of the _____, producer Darla and her team made it a guiding principle to remain faithful to director John Lasseter's vision. The first challenge faced by the production team was to make the physical appearances of the characters as true to life as possible. It was a most difficult _____ to create reflection on the _____ of the automobiles, but this was achieved by employing a special _____.

Since the personality of a character is also represented by its movements, the animators had to find ways to make the characters move in their own special manners. Jim Murphy, the head of the animation team, did a close study of different types of cars to understand their particular movements. For instance, _____ have stricter _____ while older cars tend to have more _____. As a result, every automobile in the movie became a unique individual of its own.

John Lasseter had thought the cars would look like snakes if the eyes were located at the _____. Therefore, to make the cars appear more humanlike, he insisted that the eyes should be placed on the _____, which also did well to give them a _____ look. The _____ of the cars were made flexible so that they would serve as _____ to enable the characters to perform certain gestures and actions.

With good imagination, the animation team also managed to give the cars a full range of human expressions by skillful manipulation of the eyelids, eyebrows and the mouth.

Computers used in the development of the film were four times faster than those used in *The Incredibles* and 1,000 times faster than those used in *Toy Story*. To build the cars, the animators used computer platforms very similar to those used in the _____ of real-world automobiles.

A major part of the movie took place in Radiator Springs, a remote town on Route 66. The production team had done a lot of research on the famous highway, which is a landmark of American cultural development. The buildings and backgrounds of Radiator Springs were adopted from certain scenes and actual buildings along the historical _____.

Talented vocal performers _____ were _____ to give each character a unique voice. From Owen Wilson as Lightning McQueen to Paul Newman as Doc Hudson, the vocal stars brought the characters to life with their very own brand of humor and drama. Racing legends such as Richard Petty and Michael Schumacher gave the _____ a more authentic sound.