

11 Design and Technology 1 Part 1 Study online at quizlet.com/_22zwsn

1. chassis	the base frame of a car
2. collaboration	working together with others on a project for a common goal
3. constraint	a limitation or control that must be followed
4. criteria	a list of requirements and specifications
5. drivelines	everything in the powertrain excluding the engine and transmission
6. durability	the ability of a product to repeatedly perform its design function for an acceptable period of time without failure; to be long-lasting
7. environment	the total of surrounding things, conditions or influences; especially the combination of external physical conditions that affect and influence our growth, development and survival
8. ergonomics	the science of designing machines, products and systems to maximise the safety, comfort and efficiency of the people who use them (and minimise harm or physical damage)
9. function	the action or use for which something has been designed
10. graphical	relating to visual art
11. innovation	using an existing material or technology for a completely different purpose or to develop a new material or technology; something new or unprecedented in a market or society
12. parameter	a limit or boundary that defines work
13. powertrain	the mechanism that transmits the drive from the engine of a vehicle to its axis
14. specifications	detailed instructions on how something should be done or produced