



TABLE OF CONTENTS



CHAPTER 1

INTRODUCTION AND HOW CARS WORK

Objectives	7
Summary	7
 Study Questions	8
Car Identification Activity	9
 Activity Journal	10



CHAPTER 2

BUYING AN AUTOMOBILE

Objectives	11
Summary	11
 Study Questions	12
Buying an Automobile Activity	13
 Activity Journal	14



CHAPTER 3

AUTOMOTIVE EXPENSES

Objectives	15
Summary	15
 Study Questions	16
Automotive Expenses Activity	17
 Activity Journal	21



CHAPTER 4

REPAIR FACILITIES

Objectives	23
Summary	23
 Study Questions	24
Repair Facilities Activity	25
 Activity Journal	28



CHAPTER 5

SAFETY AROUND THE AUTOMOBILE

Objectives	29
Summary	29
 Study Questions	30
Automotive Safety Activity	31
 Activity Journal	32





CHAPTER 6

BASIC TOOLS

Objectives	33
Summary	33
 Study Questions	34
Basic Tools Activity	35
 Activity Journal	36



CHAPTER 7

AUTO CARE AND CLEANING

Objectives	37
Summary	37
 Study Questions	38
Interior Cleaning Activity	39
 Activity Journal	40
Exterior Cleaning Activity	41
 Activity Journal	42
Waxing Activity	43
 Activity Journal	44





CHAPTER 8

FLUID LEVEL CHECK

Objectives	45
Summary	45
 Study Questions	46
Fluid Level Check Activity	47
 Activity Journal	50

CHAPTER 9

ELECTRICAL SYSTEM

Objectives	51
Summary	51
 Study Questions	52
Battery Activity	53
 Activity Journal	56
Charging Activity	57
 Activity Journal	60
Starting Activity	61
 Activity Journal	62

CHAPTER 10

LUBRICATION SYSTEM

Objectives63
 Summary.....63
 ☞ Study Questions.....64
 Oil and Filter Change Activity65
 ✍ Activity Journal68

CHAPTER 11

FUEL SYSTEM

Objectives69
 Summary.....69
 ☞ Study Questions.....70
 Fuel System Activity71
 ✍ Activity Journal74

CHAPTER 12

COOLING SYSTEM AND CLIMATE CONTROL

Objectives75
 Summary.....75
 ☞ Study Questions.....76
 Air Conditioning Activity77
 ✍ Activity Journal78
 Cabin Air Filter Activity.....79
 ✍ Activity Journal80
 Cooling System Activity81
 ✍ Activity Journal84

CHAPTER 13

IGNITION SYSTEM

Objectives85
 Summary.....85
 ☞ Study Questions.....86
 Ignition System Activity87
 ✍ Activity Journal90

CHAPTER 14

SUSPENSION, STEERING, AND TIRES

Objectives91
 Summary.....91
 ☞ Study Questions.....92
 Suspension and Steering Activity ...93
 ✍ Activity Journal94
 Tire Inspection and Rotation Activity
95
 ✍ Activity Journal98

CHAPTER 15

BRAKING SYSTEM

Objectives99
 Summary.....99
 ☞ Study Questions.....100
 Brake Inspection Activity101
 ✍ Activity Journal102

CHAPTER 16

DRIVETRAIN

Objectives103
 Summary.....103
 ☞ Study Questions.....104
 Drivetrain Activity105
 ✍ Activity Journal106

CHAPTER 17

EXHAUST AND EMISSIONS SYSTEM

Objectives107
 Summary.....107
 ☞ Study Questions.....108
 Exhaust and Emissions Activity ...109
 ✍ Activity Journal110

CHAPTER 18

ALTERNATIVE FUELS AND DESIGNS

Objectives111
 Summary.....111
 ☞ Study Questions.....112
 Payback Period Activity113
 ✍ Activity Journal114

CHAPTER 19

AUTOMOTIVE ACCESSORIES






Objectives115
 Summary.....115
 ☞ Study Questions.....116
 Automotive Accessories Activity ..117
 ✍ Activity Journal118

6 TABLE OF CONTENTS

CHAPTER 20

COMMON PROBLEMS AND ROADSIDE

EMERGENCIES

Objectives	119
Summary	119
 Study Questions	120
Changing a Flat Tire Activity	121
 Activity Journal	122
Jump-Starting Activity	123
 Activity Journal	126
Lighting Activity	127
 Activity Journal	128
Replacing Wipers Activity	129
 Activity Journal	132

APPENDIX A

SAFETY RULES	133
--------------------	-----

APPENDIX B

ACTIVITY COMPLETION RECORD	134
----------------------------------	-----

APPENDIX C

COMPETENCY PROFILE/TASK LIST	135
------------------------------------	-----

APPENDIX D

DAILY REFLECTION LOG	139
----------------------------	-----

APPENDIX E

ARTICLE OR WEBSITE REVIEW	140
---------------------------------	-----

APPENDIX F

CAREER EXPLORATION	141
--------------------------	-----

APPENDIX G

REPAIR INVOICE/WORK ORDER	142
---------------------------------	-----

APPENDIX H

VEHICLE REFERENCE INFORMATION	143
-------------------------------------	-----

ORDER INFORMATION	144
-------------------------	-----