

**CONTENTS**

CHAPTER 1 THE BASIC "STUFF" OF OUR WORLD	1
CHPATER 2 THE LANGUAGE OF SCIENCE	3
CHAPTER 3 THE CHEMICAL WORIL AND SOME OF LTS REACTIONS	6
CHAPTER 4 THE RELIIONSHIP OF FIRE AND THE PHYSICAL WORLD	8
CHAPTER 5 HEAT AND ITS EFFECTS	11
CHAPTER 6 PROPERTIES OF SOLIDS IMPORTANT TO THE FIRE SCIENCES	14
CHAPTER 7 COMMON FLAMMABLE AND COMBUSTIBLE LIQUIDS AND GASES	19
CHAPTER 8 SOME BASIC FACTS ABOUT FLAMES AND FIRE EXTINGUISHMENT	24
CHAPTER 9 FIRE CLASSIFICATIONS AND WATER TO FOAM AGENTS	27
CHAPTER 10 GAS TO "HALON" EXTINGUISHING AGENTS	33