

CONTENTS

UNIT ONE	
A PROBE INTO PLANET EARTH	3
1 Spheres of Planet Earth	4
2 The Smallest Part	22
3 The Crystals of Earth	39
4 The Rocks of Earth	61
UNIT TWO	
THE EARTH'S LAND	79
5 The Restless Earth	80
6 Raising the Land	101
7 Shaping the Land	121
UNIT THREE	
THE EARTH IN THE UNIVERSE	141
8 Our Star, the Sun	142
9 Place and Position	163
10 Origin and Orbit	198
11 The Moon, Earth's Natural Satellite	219
UNIT FOUR	
THE EARTH'S AIR AND WATER	239
12 Water in the Seas and Oceans	240
13 The Changing Atmosphere	267
14 Weather and Climate	291
UNIT FIVE	
THE RECORD IN THE ROCKS	319
15 Keys to the Past	320
16 The Biogroaphy of North America	344
UNIT SIX	
RESOURCES OF THE EARTH	373
17 Resources of the Sea and Air	374
18 Resources of the Land	395
Finding Your Way	421
Glossary	431
Index	439