500 LSL STEs

CONTENTS

	· PREFACE	7
1	WAVES IN THE OCEAN OF AIR Picture Essay: The Orderly Patterns of Sound 16	8
2	THE MACHINERY OF HEARING Picture Essay: The Ear: Masterpiece of Engineering 38	30
3	THE ROUTE TO THE BRAIN Picture Essay: The Evolution of the Ear 62	52
4	THE MIND'S INFLUENCE Picture Essay: The Sounds of Music 84	76
5	THE TWO-EARED MAN Picture Essay: Sound in Storage 106	98
6	SENSING THE WORLD BY ECHO Picture Essay: Creatures That "See" in the Dark 132	120
7	WHEN HEARING FAILS Picture Essay: The Struggle to Speak in a Silent World 154	144
8	THE UNWANTED SOUNDS Picture Essay: Acoustics: Controlling What Reaches the Ear 180	170
	APPENDIX A Vocabulary for Sound and Hearing Putting Sounds in Their Places	193
	FURTHER READING AND ACKNOWLEDGEMENTS	<b>96</b>
	INDEX	197
	PICTURE CREDITS	200