

Contents

From Cells to Organisms

1	INVESTIGATION				
	Disease Outbreak	3			
2	VIEW AND REFLECT				
	An Invisible Organism	7			
3	LABORATORY				
	Evidence of Microscopic Organisms	9			
4	READING				
	The History of Cell Theory	15			
5	LABORATORY				
	Cells Alive!	25			
6	READING				
	Parts of a Cell	31			
7	INVESTIGATION				
	Investigating the Cell Membrane	41			
8	MODELING				
	Modeling Cell Structure and Function	47			
9	LABORATORY				
	Observing Multicellular Organisms	51			
10	READING				
	Cells, Tissues, and Organs	57			
11	MODELING				
	Energy and Matter in Cells	65			
12	LABORATORY				
	The Cells of Plants	71			
13	LABORATORY				
	A Plant's Source of Energy	77			
14	VIEW AND REFLECT				
	Fighting Disease	81			
15	INVESTIGATION				
	Disease Detectives	85			
	Unit Summary	91			
	Appendices	93			
	Glossary	126			
	Index	130			
	Credits	134			