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**APPENDIX A** Periodic Table A-1

**APPENDIX B** Measurements B-1

**GLOSSARY** GL-1

**INDEX** I-1
InSight Features
These multipart visual presentations focus on a key concept or topic in the chapter.

Chapter 2
Biogeographic Distribution

Chapter 3
The Atom • DNA is composed of nucleotides

Chapter 4
The Animal Cell

Chapter 5
The Abdominopelvic Regions

Chapter 6
Skeletomuscular Systems

Chapter 7
The Human Brain

Chapter 8
Human Hearing

Chapter 9
Lymphatic Flow

Chapter 10
Bacteria • Viruses

Chapter 11
Microbiome Location and Common Gut Bacteria

Chapter 12
Carcinogenesis

Chapter 13
The Adult Heart

Chapter 14
The Human Lung

Chapter 15
Saturated and Unsaturated Fats

Chapter 16
The Small Intestine

Chapter 17
The Kidney

Chapter 18
The Hypothalamus and the Pituitary Gland

Chapter 19
Sperm Formation (Spermatogenesis) • Egg Formation (Oogenesis)

Chapter 20
Fertilization

Chapter 21
Let’s Work with DNA: Splitting and Creating the Key Molecule of Life

Process Diagram
These series or combinations of figures and photos describe and depict a complex process.

Chapter 1
The Scientific Method

Chapter 2
Energy Flow and Resource Cycling • Photosynthesis/respiration

Chapter 3
The Making of a Protein • Transcription and translation

Chapter 4
Mitochondrial Reactions

Chapter 6
Endochondral Ossification • Neuromuscular Junction (NMJ)

Chapter 7
Neuron Action Potential

Chapter 8
Photoreceptor Impulse Generation

Chapter 10
Lysogenic and Lytic Viral Phases • HIV Reproduction

Chapter 11
Bacterial Biofilm Actions • Metagenomics Information

Chapter 12
Benign Tumor Formation

Chapter 13
The Cardiac Cycle • Conduction System of the Heart • Capillary Bed and Exchange Flow • Clot Formation

Chapter 14
Inhalation: The Diaphragm Drops and Volume Increases • Carbon Dioxide Transport in Blood

Chapter 15
Glycolysis, the Krebs Cycle, and Electron Transport

Chapter 16
Phases of Gastric Digestion

Chapter 17
Glomerular Filtration

Chapter 19
The Development of the Follicle in the Ovary • Female Reproductive Cycle

Chapter 20
Implantation and the Primary Events of the Second Week of Development

Chapter 21
Mitosis • Meiosis