

SCIENCE

A CLOSER LOOK

Macmillan/McGraw-Hill <i>Science A Closer Look</i> Content Coverage		Student Edition pages	Reading Essentials pages
GRADE 4			
Chapter 1 - Kingdoms of Life			
Lesson 1 - Cells		pp. 20-31	pp. 2-7
Lesson 2 - Classifying Living Things		pp. 32-43	pp. 8-13
Lesson 3 - The Plant Kingdom		pp. 44-57	pp. 14-21
Lesson 4 - How Seed Plants Reproduce		pp. 58-71	pp. 22-31
Chapter 2 - The Animal Kingdom			
Lesson 1 - Animals without Backbones		pp. 76-87	pp. 36-43
Lesson 2 - Animals with Backbones		pp. 88-97	pp. 44-49
Lesson 3 - Systems in Animals		pp. 98-107	pp. 50-55
Lesson 4 - Animal Life Cycles		pp. 108-119	pp. 56-63
Chapter 3 - Exploring Ecosystems			
Lesson 1 - Introduction to Ecosystems		pp. 128-135	pp. 68-71
Lesson 2 - Biomes		pp. 136-147	pp. 72-77
Lesson 3 - Relationships in Ecosystems		pp. 148-159	pp. 78-83
Chapter 4 - Surviving in Ecosystems			
Lesson 1 - Animal Adaptations		pp. 164-173	pp. 88-91
Lesson 2 - Plants Respond to Their Surroundings		pp. 174-181	pp. 92-93
Lesson 3 - Changes in Ecosystems		pp. 182-193	pp. 94-99
Chapter 5 - Shaping Earth			
Lesson 1 - Earth		pp. 202-211	pp. 104-109
Lesson 2 - The Moving Crust		pp. 212-223	pp. 110-117
Lesson 3 - Weathering and Erosion		pp. 224-235	pp. 118-125
Lesson 4 - Changes Caused by the Weather		pp. 236-245	pp. 126-131
Chapter 6 - Saving Earth's Resources			
Lesson 1 - Minerals and Rocks		pp. 250-261	pp. 136-143
Lesson 2 - Soil		pp. 262-271	pp. 144-149
Lesson 3 - Resources from the Past		pp. 272-283	pp. 150-155
Lesson 4 - Water		pp. 284-293	pp. 156-161
Lesson 5 - Pollution and Conservation		pp. 294-303	pp. 162-165

Chapter 7 - Weather and Climate		
Lesson 1 - Air and Weather	pp. 312-321	pp. 170-175
Lesson 2 - The Water Cycle	pp. 322-333	pp. 176-183
Lesson 3 - Tracking the Weather	pp. 334-343	pp. 184-189
Lesson 4 - Climate	pp. 344-353	pp. 190-195
Chapter 8 - The Solar System and Beyond		
Lesson 1 - Earth and Sun	pp. 358-367	pp. 200-205
Lesson 2 - Earth and Moon	pp. 368-377	pp. 206-211
Lesson 3 - The Solar System	pp. 378-391	pp. 212-221
Lesson 4 - Stars and Constellations	pp. 392-401	pp. 222-227
Chapter 9 - Properties of Matter		
Lesson 1 - Describing Matter	pp. 410-419	pp. 232-235
Lesson 2 - Measurement	pp. 420-429	pp. 236-241
Lesson 3 - Classifying Matter	pp. 430-339	pp. 242-247
Chapter 10 - Matter and Its Changes		
Lesson 1 - How Can Matter Change	pp. 444-455	pp. 252-259
Lesson 2 - Mixtures	pp. 456-465	pp. 260-263
Lesson 3 - Compounds	pp. 466-473	pp. 264-267
Chapter 11 - Forces and Energy		
Lesson 1 - Motion and Forces	pp. 482-491	pp. 272-277
Lesson 2 - Changing Motion	pp. 492-501	pp. 278-283
Lesson 3 - Work and Energy	pp. 502-511	pp. 284-289
Lesson 4 - Simple Machines	pp. 512-523	pp. 290-295
Chapter 12 - Energy		
Lesson 1 - Heat	pp. 528-537	pp. 300-305
Lesson 2 - Sound	pp. 538-549	pp. 306-311
Lesson 3 - Light	pp. 550-561	pp. 312-317
Lesson 4 - Electricity	pp. 562-573	pp. 318-325
Lesson 5 - Magnetism and Electricity	pp. 574-587	pp. 326-333