

Image ID	Image Desc	Credit	Page
P5_UEC09_L1_001P_SC07-	Hot Air Balloon Over the Red Sea	Brand X Pictures/Alamy	1.1_478-479
P5_UEC09_L1_002P_SC07-	(balloon - tennis ball - container of water - tape - equal pan balance)	Macmillan/McGraw-Hill	1.1_479
P5_UEC09_L1_003P_SC07-	African American boy placing balloon in water.	Macmillan/McGraw-Hill	1.1_479
P5_UEC09_L1_004P_SC07-	African American boy using balance.	Macmillan/McGraw-Hill	1.1_479
P5_UEC09_L1_005P_SC07-284138	Caucasian girl adding items to open backpack. Items should be age and classroom appropriate.	Macmillan/McGraw-Hill	1.2_480
P5_UEC09_L1_006P_SC07-284138	Red marble on pan scale measured against mass standards.	Macmillan/McGraw-Hill	1.2_481
P5_UEC09_L1_008P_SC07-	Graduated cylinders	Macmillan/McGraw-Hill	1.2_481
P5_UEC09_L1_007P_SC07-284138	marble on spring scale.	Macmillan/McGraw-Hill	1.2_481
C08-014P-287841	Old brick. (DAL)	Arthur S. Aubry/Getty Images	1.3_038
C08-017P-287841	Close-up view of a water drop rising from the surface of a water body. (DAL)	Stockbyte/PunchStock	1.3_038
C08-016P-287841	Close-up of brilliant cut loose solitaire diamond in tweezers against a blue background. (DAL)	Steve Hamblin/Alamy	1.3_038
C08-015P-287841	Full-frame view of pennies. (DAL)	PhotoLink/Getty Images	1.3_038
P6_CAUB03_L1_008P-284381	Lesson 1 Quick Lab: close up of hands of 6th grade Latino male doing the experiment, touching a metal stapler with one index finger and a wooden ruler with the other index finger□□QL	Ken Karp Photography	1.3_039

U01_01P-102366	Paper clips and safety pins attracted to a magnet surrounded by plastic buttons, a crayon, two rubber bands, an eraser, a block of wood and tooth picks against a white background. MHE USA	The McGraw-Hill Companies Inc./Ken Cavanagh Photographer	1.3_039
P5_UEC09_L1_013P_SC07-284138	Rocky bank of Lake Chelan - Washington	Thinkstock Images/PictureQuest	1.3_484
P5_UEC09_L1_009P_SC07-284138	Large aquarium containing gravel and fake plants with same red marble sunk at the bottom of tank - super bouncy ball floating on top of water.	Macmillan/McGraw-Hill	1.4_482
P5_UEC09_L1_012P_SC07-284138	Torn corner of paper towel and a plastic cup on table by or in front of an aquarium filled with water. There is a styrofoam cup floating upside down in the water.	Macmillan/McGraw-Hill	1.4_483
P5_UEC09_L1_FOLD_001P_SC07-284138	1. Main Idea 2. What I learned... 3. Sketches 4. Samples of matter can be... 5. Density measures... 6. Matter can exist in... 7. Properties of Matter	Jacques Cornell/Macmillan/McGraw-Hill	1.5_485
P5_UEC09_L1_ISA_004P_SC07-284138	colored paper clips	Macmillan/McGraw-Hill	1.6_486
P5_UEC09_L1_ISA_001P_SC07-284138	Aluminum boat floating in tinted blue water. B	Macmillan/McGraw-Hill	1.6_486-487
P4_UFC12_L1_ISA_001P_SC07-284137	Caucasian boy. He has wrapped one ice cube in paper and foil and he is in the process of wrapping the third ice cube with plastic wrap. Other ice cube is not wrapped.	Macmillan/McGraw-Hill	1.7_536
P4_UCC06_L1_072P_SC07-	African American boy looking at piece of granite using hand lens	Joe Polillio/Macmillan/McGraw-Hill	10.1_251

P4_UCC06_L1_076P_SC 07-	5 rocks and handlens	Joe Polillio/Macmillan/McGraw-Hill	10.1_251
P4_UCC06_L1_002P_SC 07-	African American boy sitting at a table with rock samples	Joe Pollilio/Macmillan/McGraw-Hill	10.1_251
P5_UCC06_L1_001P_SC 07-284138	Hoodoos Alberta Canada	Imagery and Imagination/Alamy	10.1_300-301
P5_UCC06_L1_002P_SC 07-284138	Mineral samples - penny - steel file/spoon (check with Eric) - porcelain tile streak plate.	Macmillan/McGraw-Hill	10.1_301
P5_UCC06_L1_003P_SC 07-284138	Chart.	Macmillan/McGraw-Hill	10.1_301
P5_UCC06_L1_004P_SC 07-284138	African American girl holding a rock. Rub the mineral once across the porcelain tile.	Macmillan/McGraw-Hill	10.1_301
P5_UAC01_L3_001P_SC 07-	Arizona Wildflowers and Cacti	George H. H. Huey/CORBIS	10.2_046-047
P3_UCC06_L2_006P_SC 07-284136	Landscape with red, sandy soil, Monument Valley, AZ	Franck Jeannin/Alamy	10.2_242
P3_UCC06_L2_010P_SC 07-284136	A small pile of loose sandy soil	Jacques Cornell/Macmillan/McGraw-Hill	10.2_243
P3_UCC06_L2_011P_SC 07-284136	A small pile of loose loam soil	Jacques Cornell/Macmillan/McGraw-Hill	10.2_243
P3_UCC06_L2_009P_SC 07-284136	A small pile of loose clay soil	Jacques Cornell/Macmillan/McGraw-Hill	10.2_243
P4_UCC06_L2_010P_SC 07-	Cutoff plastic container filled with one kind of soil. bottle opening covered with cheese cloth.	Macmillan/McGraw-Hill	10.2_267
P5_UCC06_L1_005P_SC 07-284138	A sample of pyrite to denote luster - color and streak.	Macmillan/McGraw-Hill	10.2_302
P5_UCC06_L2_005P_SC 07-284138	Cracked Ground in Badlands National Park	Bill Ross/CORBIS	10.2_316
P5_UCC06_L2_006P_SC 07-284138	Storm Brewing over Bisti Badlands	George H. H. Huey/CORBIS	10.2_316

P5_UCC06_L2_007P_SC 07-284138	Temperate rainforest south sassafras (Atherosperma Moschatum)	Gunter Ziesler /Peter Arnold, Inc.	10.2_316
P5_UCC06_L2_010P_SC 07-284138	Crop-dusting a Corn Field Near Boise - Idaho - USA (CD - Farm & Harvest RFCD252)	CORBIS	10.2_319
P5_UCC06_L2_016P_SC 07-284138	3 Plastic cups labeled Dirt - Mixture and Sand.	Macmillan/McGraw-Hill	10.2_319
P5_UFC12_L2_INV_005P _SC07-284138	Scissors	Macmillan/McGraw-Hill	10.2_322
P5_UCC06_L2_INV_001P _SC07-284138	Hispanic girl filling pan with sand	Macmillan/McGraw-Hill	10.2_322
PM_RULER_PLASTIC.PSD- XPML08	Ruler Plastic	Macmillan/McGraw-Hill	10.2_322
PM_SEED_GRASS.PSD- XPML08	Seed Grass	Macmillan/McGraw-Hill	10.2_322
PM_SAND_FINE.PSD- XPML08	Sand Fine	Macmillan/McGraw-Hill	10.2_322
PM_MEASURING_CUP_W ATER.PSD-XPML08	measuring cup water	Macmillan/McGraw-Hill	10.2_322
PM_SOIL_POTTING.PSD- XPML08	Soil Potting	Macmillan/McGraw-Hill	10.2_322
PM_PAN_ALUMINUM_13 X10IN.PSD-XPML08	Pan Aluminum 13x10in	Macmillan/McGraw-Hill	10.2_322
P5_UCC06_L2_INV_002P _SC07-284138	Hispanic girl scattering seeds over the pan, pan with sand should have seeds already in it.	Macmillan/McGraw-Hill	10.2_322
P5_UCC06_L2_011P_SC 07-284138	Hispanic girl just about to pour water into the soil.	Macmillan/McGraw-Hill	10.2_322
P5_UCC06_L1_022P_SC 07-284138	A Pumice stone (CD - Beauty Stills 2/IS646)	Image Source/PunchStock	10.3_308
P5_UCC06_L1_020P_SC 07-284138	A specimen of pink granite	sciencephotos/Alamy	10.3_308
P5_UCC06_L1_023P_SC 07-284138	City Hall Buffalo New York USA	James Schwabel/Alamy	10.3_309
P5_UCC06_L1_024P_SC 07-284138	Conglomerate rock surface showing differential erosion of the component materials.	Glenn Oliver/Visuals Unlimited	10.3_309

P5_UCC06_L1_025P_SC 07-284138	Oolitic limestone - a sedimentary rock made of close-packed calcium carbonate ooliths formed in a shallow marine environment.	Stephen J. Krasemann/Photo Researchers, Inc.	10.3_309
P5_UCC06_L1_026P_SC 07-284138	Marble	Wally Eberhart/Visuals Unlimited	10.3_310
P5_UCC06_L1_027P_SC 07-284138	Taj Mahal Mausoleum	Eric and David Hosking/CORBIS	10.3_310
P5_UCC06_L1_029P_SC 07-284138	Marble	Fred Hirschmann Photography	10.3_310
P6_UCC06_L1_022P_SC 07-284139	Sandstone (CD - Nature's Textures)	Creatas/PunchStock	10.3_320
P6_UCC06_L1_020P_SC 07-284139	Siltstone	Dr. Marli Miller/Visuals Unlimited	10.3_320
P6_UCC06_L1_021P_SC 07-284139	Shale	Dr. Parvinder Sethi/Macmillan/McGraw-Hill	10.3_320
P6_UCC06_L1_023P_SC 07-284139	Student examining collection of different types of rocks--igneous sedimentary - and metamorphic	Ken Karp/Macmillan/McGraw-Hill	10.3_321
P3_UCC06_L3_010P_SC 07-284136	A block of peat	Andrew J. Martinez/Photo Researchers, Inc.	10.4_252
P3_UCC06_L3_019P_SC 07-284136	An oil drilling rig in the desert	Owaki-Kulla/CORBIS	10.4_252-253
P3_UCC06_L3_009P_SC 07-284136	A piece of bituminous coal (CD - Metaphors and Symbols/OS22)	Photodisc/Getty Images	10.4_253
P5_UCC06_L1_030P_SC 07-284138	Topaz	Roberto de Gugliermo/Photo Researchers, Inc.	10.4_311
P5_UCC06_L1_ISA_001P_SC 07-284138	Flint (sedimentary rock). United States. Specimen dimensions: 4x3.5x2.5 cm.	Mark A. Schneider/Photo Researchers, Inc.	10.5_312

P5_UCC06_L1_ISA_005P _SC07-284138	Granite. Igneous rock. Specimen dimensions: 10cm. x 4 cm. x 3.5 cm. Pebble Beach - California.	Mark A. Schneider/Photo Researchers, Inc.	10.5_312
P5_UCC06_L1_ISA_009P _SC07-284138	Oil Shale	Doug Martin/Photo Researchers, Inc.	10.5_312
P5_UCC06_L1_ISA_008P _SC07-284138	Sandstone rocks are sedimentary rocks made from small grains of the minerals quartz and feldspar. They often form in layers as this example shows and are used as building stones.	Andrew J. Martinez/Photo Researchers, Inc.	10.5_312
P5_UCC06_L1_ISA_006P _SC07-284138	Igneous Rock	Ken Karp/Macmillan/McGraw-Hill	10.5_312
P5_UCC06_L1_ISA_002P _SC07-284138	Specimen of sandstone - a sedimentary rock from Donzdorf - West Germany.	Astrid & Hands Frieder Michler/Photo Researchers, Inc.	10.5_312
P5_UCC06_L1_ISA_003P _SC07-284138	Gneiss - a metamorphic rock often formed from granite.	Andrew J. Martinez/Photo Researchers, Inc.	10.5_312
P5_UCC06_L1_ISA_004P _SC07-284138	Metamorphic Rocks (left to right): schist - quartzite - marble - gneiss - slate."	Wally Eberhart/Visuals Unlimited	10.5_313
P5_UCC06_L1_ISA_007P _SC07-284138	Classifying rocks by properties. 8 rows - 8 columns. Kid drawn chart to be photographed.	Macmillan/McGraw-Hill	10.5_313
G5_TX_L11_01P	Mosquito fossilized in amber	McGraw-Hill Higher Education/Carlyn Iverson	11
G5_TX_L11_07P	Pictures/PunchStock Title:	Brand X Pictures/PunchStock	11
G5_TX_L11_02P	This dinosaur footprint in in shale	U.S. Geological Survey	11
G5_TX_L11_04P	Archaeologist Carving Matrix from T. Rex Jaw	Kim Steele/Photodisc/Getty Images	11
G5_TX_L11_05P	Promicroceras planicosta, fossils from the Early Jurassic	Dr. Parvinder Sethi	11

G5_TX_L11_06P	Detailed view of an organic rich dark gray shale containing Pennsylvanian fern fossils.	Doug Sherman/Geofile	11
G5_TX_L11_03P	Petrified tree	NPS Photo by J. Schmidt	11
P4_UCC06_L3_001P_SC 07-284137	Fossil Snapping Turtle (fam. Chelydridae). Eocene epoch. Wyoming. USA	John Cancalosi/age fotostock	11.1_272-273
P4_UCC06_L3_003P_SC 07-284137	Hispanic girl pressing a golfball into a flattened circle of clay to make a track or print. Scattered on table are a seashell, coin, paperclip and erasers.	Macmillan/McGraw-Hill	11.1_273
P4_UCC06_L3_008P_SC 07-284137	Invertebrate in ambar	Martin Siepmann/age fotostock	11.2_274
P4_UCC06_L3_033P_SC 07-284137	Ants in amber from the Dominican Republic	Noah Poritz/Science Photo Library	11.2_274-275
P4_UCC06_L3_005P_SC 07-284137	Dinosaur track - Texas - USA.	Scott Berner/Visuals Unlimited	11.2_275
P4_UCC06_L3_028P_SC 07-284137	Petrified Wood	Breck P. KentAnimals Animals Earth Scenes	11.2_275
P4_UCC06_L3_004P_SC 07-284137	Trilobite fossil (CD - Objects of Nature/OS38)	Siede Preis/Getty Images	11.2_275
P4_UCC06_L3_029P_SC 07-284137	Giganotosaurus carolinii jawbone. Photographed in 1995.	Carlos Goldin/Science Photo Library	11.2_276
P4_UCC06_L3_030P_SC 07-284137	Fossil fern (Alethopteris sp.)	Adrian Davies/naturepl.com	11.2_276-277
P4_UCC06_L3_031P_SC 07-284137	Ammonites. Cluster of small and large ammonites on a piece of rock. These ammonites are from the Martin Rigby collection.	Sinclair Stammers/Photo Researchers, Inc.	11.2_276-277
P4_UCC06_L3_018P_SC 07-284137	African American boy sliding paper slip as fossil in between book layers.	Macmillan/McGraw-Hill	11.2_277
P4_UCC06_L5_FOLD_00 1P_SC07-284137	Pollution	Jacques Cornell/Macmillan/McGraw-Hill	11.2_301

P4_UCC06_L3_020P_SC07-284137	Oil pump in Canola Field	CORBIS	11.3_279
P4_UCC06_L3_FOLD_001P_SC07-284137	Fossils	Jacques Cornell/Macmillan/McGraw-Hill	11.4_281
P5_UCC06_L3_WIS_002P_SC07-284138	A fossil specimen of the meat eater Piatnitzkysaurus floresi - from the Collection of Egidio Feruglio Museum.	Kevin Schafer/CORBIS	11.5_338
P5_UCC06P_L3_WIS_001P-R	Trilobite fossils preserved in limestone replaces P5_UCC06P_L3_WIS_001P	Albert J. Copley/Getty Images	11.5_338
P5_UCC06_L3_MIS_001P_SC07-284138	A road sign along Interstate 89 in Middlesex - Vt. on Tuesday - Sept. 24 - 2002. is marked in kilometers - not miles.	Toby Talbot/AP Images	11.6_339
P4UCC06_L3_INV_011P_SC07-284137	Materials - Model of fossil shark tooth	Macmillan/McGraw-Hill	11.7_282
P4UCC06_L3_INV_012P_SC07-284137	Materials - Horse tooth	Macmillan/McGraw-Hill	11.7_282
P4_UCC06_L3_INV_003P_SC07-284137	White girl doing step 2 (measuring t-rex tooth) - without showing the results (i.e. - without showing how long the tooth is).	Macmillan/McGraw-Hill	11.7_282
P4UCC06_L3_INV_013P_SC07-284137	Materials - Colored Pencils	Macmillan/McGraw-Hill	11.7_282
P4_UCC06_L3_INV_008P_SC07-284137	Fossilised remains of a Lower Antero-Lateral Tooth from Galeocerdo - Galeocerdo Cuvier.	DK Limited/CORBIS	11.7_283
P4_UCC06_L3_INV_006P_SC07-284137	Tyrannosaurus rex upper jaw	Natural Visions/Alamy	11.7_283
P3_UBC04_L3_RIS_001P_SC07-	Portrait of British scientist Richard Owen	The Natural History Museum, London	11.8_180
P3_UBC04_L3_RIS_003P_SC07-	Nest of fossilized dinosaur eggs discovered in 1923	Bettmann/CORBIS	11.8_180
P3_UBC04_L3_RIS_002P_SC07-	Oval-shaped wood frame (CD - The Antique Frame Collection)	Image Farm/Jupiterimages	11.8_180

P3_UBC04_L3_RIS_004P_SC07-	Illustration of dinosaur skeleton	John Sibbick/Natural History Museum Picture Library	11.8_180-181
P3_UBC04_L3_RIS_005P_SC07-	Fossil of dinosaur with feathers found in 2000	Stan Honda/AFP/Getty Images	11.8_181
G5_TX_L12_01P	Delta in Glacier Bay, Alaska	McGraw-Hill Higher Education/Carlyn Iverson, photographer	12
G5_TX_L12_02P	French Caribbean - Caribbean Islands - Marie Galante - Capesterre - Beach of the Feuillere	Authors Image/PunchStock	12
P3_UCC05_L3_001P_SC07-284136	River running through Marble Canyon, Grand Canyon National Park, AZ	Tom Bean/CORBIS	12.1_212-213
P3_PM_UCC05_L3_004P_SC07-284136	Sandstone Rocks	Macmillan/McGraw-Hill	12.1_213
P3_PM_UCC05_L3_003P_SC07-284136	Plastic Jars	Macmillan/McGraw-Hill	12.1_213
P3_UCC05_L3_003P_SC07-284136	African American boy is shaking jar B, which contains a mixture of water and sandstone rocks	Michael Scott/Macmillan/McGraw-Hill	12.1_213
P3_UCC05_L3_002P_SC07-284136	Close-up of African American boy standing at a table with three soft plastic jars labeled A, B, and C	Michael Scott/Macmillan/McGraw-Hill	12.1_213
P5_UCC05_L5_001P_SC07-284138	Exit Glacier flowing from the Harding Icefield Kenai Fjords National Park Alaska	Ron Niebrugge/Alamy	12.2_282-283

P5_UCC05_L5_002P_SC 07-284138-A	2 plastic containers with caps (such as water bottles) - water in a container - marker - ruler and food coloring ALTER PHOTO: Crop out the table the materials are sitting on in the Explorer activity. This photo should look like the other photos in the Explore Activities. See NA G5 0-02-284138-6, page 301, as go-by.	Macmillan/McGraw-Hill	12.2_283
P5_UCC05_L5_003P_SC 07-284138	Caucasian boy marking lines on the plastic container. The other container is next to him on the table. Will need ruler to measure 1 cm increments.	Macmillan/McGraw-Hill	12.2_283
P5_UCC05_L5_004P_SC 07-284138	Caucasian boy has both containers with lines marked out and he is filling them with water.	Macmillan/McGraw-Hill	12.2_283
P5_UCC05_L5_007P_SC 07-284138	Acid rain (SO ₂) forms cupric sulfate on bronze - copper II sulfate (CuSO ₄). U.S. Grant Memorial - D.C.	Jack Plekan/Fundamental Photographs, NYC	12.3_285
P5_UCC05_L5_006P_SC 07-284138	Carlsbad Caverns. Limestone-Stalagmites	Fritz Polking/Peter Arnold, Inc.	12.3_285
P5_UCC05_L5_008P_SC 07-284138	Land slide Japan	Daniel and Flossie White/Alamy	12.4_286
P5_UCC05_L5_010P_SC 07-284138	African American girl with two baking pans filled with sand.	Macmillan/McGraw-Hill	12.4_287
P5_UCC05_L5_009P_SC 07-284138	Stream flowing through a U-shaped glacial valley in the Tracy Arms Fords Terror Wilderness - Tongass National Forest - Alaska USA.	Bill Kamin/Visuals Unlimited	12.4_287
P5_UCC05_L5_011P_SC 07-284138	Meander in Bear River - Colorado	Willard Clay/Dembinsky Photo Associates	12.5_288

P5_UCC05_L5_014P_SC 07-284138	Greer Island Park Longboat Key Gulf Coast Florida	James Schwabel/Alamy	12.5_289
P5_UCC05_L5_012P_SC 07-284138	Natural rock arch Azure Window	Doug Houghton/Alamy	12.5_289
PM_BATTERIES_DCELL.P SD-XPML08	Batteries DCell	Macmillan/McGraw-Hill	12.5_376
PM_BATTERY HOLDER_C LIPS.PSD-XPML08	Battery Holder Clips	Macmillan/McGraw-Hill	12.5_376
P6_CAUCC07_II_007P- 284381	For step 2: Student hands connecting wire of (nonsolar) motor to battery. Label Step 2□	Ken Karp Photography for MMH	12.5_376
P6_CAUCC07_II_006P- 284381	For step 1: Student hands connecting wire of solar panel to wire on motor. Label	Ken Karp Photography for MMH	12.5_376
PM_MOTOR_EXTRA.PSD- XPML08	Motor Extra	Macmillan/McGraw-Hill	12.5_376
P4_UCC05_L4_010P_R_ SC07	Avalanche in the mountains (research P4_UCC05_L4_010P)	Ingram Publishing/age Fotostock	12.6
P5_UBC04_L3_004P_SC 07-284138	Step 2, Eye Dropper and Hydroden Peroxide	Macmillan/McGraw-Hill	12.6_207
P5_UBC04_L3_002P_SC 07-284138	Materials	Macmillan/McGraw-Hill	12.6_207
P5_UBC04_L3_003P_SC 07-284138	Step 1 African American girl	Macmillan/McGraw-Hill	12.6_207
P5_UCC05_L3_008P_SC 07-284138	Italy - Sicily - volcano	SIME s.a.s/eStock Photo	12.6_265
P5_UCC05_L3_009P_SC 07-284138	Mt. Capulin - a shield volcano - New Mexico - USA	Dr. John D. Cunningham/Visuals Unlimited	12.6_265
P5_UCC05_L3_011P_SC 07-284138	Hispanic boy getting ready to build a model volcano.	Macmillan/McGraw-Hill	12.6_265
C04-006P-287841	Aerial view of the calderas on the crest of Mauna Loa in Hawaii. (DAL)	U.S. Geological Survey, HVO	12.6_265
P5_UCC05_L4_002P_SC 07-284138	1 piece of styrofoam - aluminum pan - soil - wooden block	Macmillan/McGraw-Hill	12.6_271

P5_UCC05_L4_003P_SC 07-284138	African American boy - with styrofoam blocks already set in place - pouring soil on top of them.	Macmillan/McGraw-Hill	12.6_271
P5_UCC05_L4_004P_SC 07-284138	African American boy getting ready to tap tray.	Macmillan/McGraw-Hill	12.6_271
P5_UCC05_L4_006P_SC 07-284138	Earthquake Fault Line. A ragged gash tears through terraced rice fields along the Nojima fault.	Karen Kasmauski/CORBIS	12.6_272
P5_UCC05_L4_022P_SC 07-284138	Earthquakes	SVS/GSFC/NASA	12.6_273
P5_UCC05_L5_FOLD_00 1P_SC07-284138	1. Weathering wears away... 2. Erosion moves... 3. Moving water can cause...	Jacques Cornell/Macmillan/McGraw-Hill	12.7_293
P6_UCC06_L3_RIS_002P _SC07-	Santa Rosa geothermal plant	Charles O'Rear/CORBIS	12.7_349
P6_UCC05_L4_WIS_003 P_SC07-	Seagulls	Bohemian Nomad Picturemakers/CORBIS	12.8_294-295
G5_TX_L13_02P	Close-up of a Cornstalk	James P. Blair/Getty Images	13
G5_TX_L13_05P	Quarry of marble	Doug Sherman/Geofile	13
G5_TX_L13_06P	Wind Turbines in Amarillo, Texas	Mike Segal/Getty Images	13
G5_TX_L13_08P	Cooling Pools Silica Deposits at the Blue Lagoon Geothermal Power Plant	Phil Degginger/Alamy	13
G5_TX_L13_10P	Close-up of a Cornstalk	James P. Blair/Getty Images	13
G5_TX_L13_12P	Close-up view of yellow uncooked corn kernels on display at an agricultural show	doug steley/Alamy	13
G5_TX_L13_11P	Geothermal power project, Mammoth-Pacific, California	VisionsofAmerica/Joe Sohm/Photodisc/Getty Images	13
G5_TX_L13_09P	Photovoltaic solar cells	Stockbyte/Getty Images	13
G5_TX_L13_07P	hydroelectric The Dalles Dam	Royalty-Free/CORBIS	13

G5_TX_L13_03P	Svartsengi Geothermal Power Station, Iceland	Robert Harding/Getty Images	13
G5_TX_L13_04P	Statue of Abraham Lincoln in the Lincoln Memorial, Washington Dc	Comstock/Corbis	13
P5_UCC06_L3_001P_SC 07-284138	Turbines at a wind farm against a backdrop of mountains. Each turbine has three blades which rotate around a horizontal axis - turning a shaft which drives an electric generator.	Russ Curtis/Photo Researchers, Inc.	13.1_324-325
P5_UCC06_L3_002P_SC 07-284138	Paper cut into 3-inch by 6-nch strips.	Macmillan/McGraw-Hill	13.1_325
P5_UCC06_L3_004P_SC 07-284138	Asian boy about to blow on the windmill.	Macmillan/McGraw-Hill	13.1_325
P5_UCC06_L3_003P_SC 07-284138	Asian boy building windmill	Macmillan/McGraw-Hill	13.1_325
P5_UCC06_L3_023P_SC 07-284138	Coal Power Plant	CORBIS	13.2_330
P5_UCC06_L3_025P_SC 07-284138	Natural gas and oil refineries dot the lanscape along the St Clair River on the Canadian United States border at Port Huron Mi	Dennis MacDonald/Alamy	13.2_331
P5_UCC06_L3_024P_SC 07-284138	Gas production platform offshore West Africa In production	Peter Bowater/Alamy	13.2_331
P5_UCC06_L3_026P_SC 07-284138	Aerial View of Wind Generator	Thinkstock/PunchStock	13.2_332
P5_UCC06_L3_027P_SC 07-284138	The Dalles Dam; Border of Washington and Oregon - USA (CD - Energy Issues)	CORBIS	13.2_332
P5_UCC06_L3_028P_SC 07-284138	The Seaflow Marine Current Tubine project with rotor raised for maintenance off Foreland Point Lynmouth North Devon England	Greenshoots Communications/Alamy	13.2_333
P5_UCC06_L3_029P_SC 07-284138	Solar Power Panel; Nevada	Steve Craft/Masterfile	13.2_333

P5_UCC06_L3_039P_SC07-284138	Greenwich Millennium Village 9911 10	Arcaid/Alamy	13.2_336
P6_UD_LIT_001P_SC07-284139	Monarch butterflies	Ron Sanford/CORBIS	13.2_364
P6_UD_LIT_004P_SC07-284139	Monarch caterpillar feeding on a plant	David Hosking/Alamy	13.2_365
P6_UD_LIT_002P_SC07-284139	Clouds and sky (CD - Sky 2)	Brand X Pictures/PunchStock	13.2_365
P6_UD_LIT_003P_SC07-284139	Monarch butterfly (CD - Butterflies and Insects)	Stockbyte	13.2_365
M655-42P-MSS02	Annapolis Royal tidal power plant	Carsand-Mosher	13.3_373
P6_UCC06_L3_FOLD_001P_SC07-284139-LA	1. Main Idea 2. What I learned... 3. Examples 4. Renewable resources... 5. Fossil fuels... 6. Pollution occurs	Jacques Cornell/Macmillan/McGraw-Hill	13.4_375
PM_MOTOR_SOLARCIRCUITTIFF.PSD-XPML08	Motor SolarCircuit	Macmillan/McGraw-Hill	13.5_376
P3_UCC06_L3_RIS_002P_SC07-	A mill on a river in Appleton - WI - as an example of early hydroelectric energy.	Wisconsin Historical Society	13.6_256
P3_UCC06_L3_RIS_003P_SC07-	Steam shooting from a valve as a worker opens a geothermal well in Larderello - Italy.	Klaus Guldbrandsen/Photo Researchers, Inc.	13.6_256
P3_UCC06_L3_RIS_001P_SC07-	A row of wind turbines.	Cristina Pedrazzini/Photo Researchers, Inc.	13.6_256-257
P6_UCC06_L3_RIS_001P_SC07-	Old Faithful (US Landmarks and Travel - V16)	Scenics of America/PhotoLink/Getty Images	13.7_348-349
P6_UCC06_L2_001P_SC07-284139	Sailboats on water	Onne van der Wal/CORBIS	14.1_326-327
P6_UCC06_L2_003P_SC07-284139	Asian male student placing bag of ice cubes on top of bottle - which is in a warm sunny place (such as window sill)	Ken Karp/Macmillan/McGraw-Hill	14.1_327

P6_UCC06_L2_002P_SC 07-284139	Plastic 2L bottle w. cap - red food coloring - sealable plastic bag - water - ice cubes - black construction paper - safety scissors - tape	Ken Karp/Macmillan/McGraw-Hill	14.1_327
P6_UCC06_L2_091P_SC 07-284139	Show how bottle fits into construction paper base; student placing bottle into black construction base [male hands]	Ken Karp/Macmillan/McGraw-Hill	14.1_327
P5_UBC04_L1_001P_SC 07-284138	Dew Drops Clinging to Poppies	Craig Tuttle/CORBIS	14.2_182-183
P5_UBC04_L1_004P_SC 07-	Step 3	Macmillan/McGraw-Hill	14.2_183
P5_UBC04_L1_003P_SC 07-	Step 1	Macmillan/McGraw-Hill	14.2_183
PM_SPOON_PLASTIC_LT BLUE.PSD-XPML08	Spoon Plastic LtBlue	Macmillan/McGraw-Hill	14.2_183
P5_UBC04_L1_002P_SC 07-	Materials	Macmillan/McGraw-Hill	14.2_183
P4_UDC07_L2_008P_SC 07-284137	Spider in web	Mitch Diamond/Alamy	14.3_325
P5_UDC07_L2_011P_SC 07-284138	Rain falling on orange birch bolete fungi (Leccinum versipelle)	Ben Hall/Getty Images	14.4_382
P5_UDC07_L2_013P_SC 07-284138	Hail storm falling on a highway at night	Phototake/Alamy	14.4_382
P5_UDC07_L2_012P_SC 07-284138	Snow falls onto road during beginning of snow storm - Port Huron - MI	Dennis MacDonald/PhotoEdit	14.4_382
P5_UDC07_L2_014P_SC 07-284138	Falling snow. - Yosemite National Park - California - United States of America - North America	Thomas Winz/Lonely Planet Images/Getty Images	14.4_383
P5_UDC07_L3_028P_SC 07-	tape	Macmillan/McGraw-Hill	14.6_390
P5_UDC07_L2_INV_005P _SC07-	step 4	Macmillan/McGraw-Hill	14.6_390
P5_UDC07_L2_INV_003P _SC07-	step 2	Macmillan/McGraw-Hill	14.6_390

P5_UDC07_L2_INV_004P_SC07-	step 3	Macmillan/McGraw-Hill	14.6_390
P5_UDC07_L2_INV_001P_SC07-	Bottle	Macmillan/McGraw-Hill	14.6_390
P5_UDC07_L2_INV_002P_SC07-	step 1	Macmillan/McGraw-Hill	14.6_390
P5_UDC07_L3_029P_SC07-	sheet of paper	Macmillan/McGraw-Hill	14.6_390
P5_UDC07_L3_027P_SC07-	scissors	Macmillan/McGraw-Hill	14.6_390
P5_UDC07_L3_026P_SC07-	cobalt chloride paper	Macmillan/McGraw-Hill	14.6_390
P5_UDC07_L3_025P_SC07-	clear plastic cup	Macmillan/McGraw-Hill	14.6_390
P5_UDC07_L2_INV_008P_SC07-	Nature botany plant grass water drop dew close-up lawn meadow	Theowulf Maehl/zefa/CORBIS	14.6_391
P5_UDC07_L2_001P_SC07-284138	Storm front coming over prairie or ocean.	Hans Blohm/Masterfile	15.1_378-379
P5_UDC07_L2_004P_SC07-	Measure and record data.	Macmillan/McGraw-Hill	15.1_379
P5_UDC07_L2_003P_SC07-	Attach carton to pan with tape.	Macmillan/McGraw-Hill	15.1_379
P5_UDC07_L2_002P_SC07-	Materials	Macmillan/McGraw-Hill	15.1_379
P4_UDC07_L3_009P_R_SC07	Snowy Neighborhood in Wintertime	Walter Hodges/Brand X Pictures/Getty Images	15.2
P5_UCC05_L5_008P_SC07-284138	Land slide Japan	Daniel and Flossie White/Alamy	15.2_286
P4_UDC07_L3_004P_SC07-284137	Satellite image of the Earth - centred on America	Tom Van Sant/Geosphere Project/Planetary Visions/Science Photo Library	15.2_336

P6_UDC07_L3_005P_SC 07-284139	Caucasian female with Caucasian male looking at weather map of United States replaces P4_UDC07_L3_006P_SC07-284138	Ken Karp/Macmillan/McGraw-Hill	15.2_339
P5_UDC07_L2_019P_SC 07-284138	GOES North America Infrared Apr 11 06	NOAA/NESDIS Satellite Services Division	15.3_385
P5_UDC07_L2_020P_SC 07-284138	GOES North America Infrared Apr 13 06	NOAA/NESDIS Satellite Services Division	15.3_385
P4_UDC07_L1_004P_SC 07-284137	Small plastic cup	Ken Cavanaugh/Macmillan/McGraw-Hill	15.4_317
P4_UDC07_L1_007P_SC 07-284137	Mountain climber on peak of snow covered mountain	Getty Images	15.4_317
P5_UDC07_L2_022P_SC 07-284138	Heavy Summer Thunderstorm - Minnesota	Larry Mishkar/Dembinsky Photo Associates	15.4_386
P5_UDC07_L2_FOLD_001P_SC07-284138	1. Clouds and precipitation form from... 2. Air masses and fronts affect... 3. Knowing where high or low pressure systems are?	Jacques Cornell/Macmillan/McGraw-Hill	15.5_389
P4_UDC07_L3_009P_SC 07-284137	Wintry Highway 169 - Minneapolis - Minnesota	Chuck Keeler/CORBIS	15.6_338-339
P6_UDC07_L1_ISA_002P_SC07-284139	Barometer	Leonard Lessin/Peter Arnold/Alamy	15.6_378
P6_UDC07_L1_ISA_001P_SC07-284139	Thermometer (CD - Intellectual Property)	Burke/Triolo/Brand X/Jupiterimages	15.6_378
P6_UDC07_L1_ISA_003P_SC07-284139	Windvane	Paul Rapson/Science Photo Library/Photo Researchers, Inc.	15.6_379
G5_TX_L16_01P	Fence in Snow	Ingram Publishing / SuperStock	16
G5_TX_L16_02P	Mountains Reflected in Lake	Corbis Royalty Free	16
P5_UDC07_L4_001P_SC 07-284138	A group of igloos being built on Igloolik Island Nunavut Canada	Bryan & Cherry Alexander Photography/Alamy	16.1_406-407

P4_UDC07_L4_026P_SC 07-284137	Red Barn Snow Milltown Indiana	Daniel Dempster Photography/Alamy	16.3_349
P4_UDC07_L4_011P_SC 07-284137	USA - Washington - Mount Rainier Nat. Park - meadow and mountains	Stuart Westmorland/Getty Images	16.3_350
P5_UDC07_L4_FOLD_00 1P_SC07-284138	1. Plant growth is one way... 2. Areas in the rain shadow... 3. El Nino causes...	Jacques Cornell/Macmillan/McG raw-Hill	16.4_413
G5_TX_L17_01P	Apennine Mountains of the Moon	National Aeronautics and Space Administration (NASA)	17
G5_TX_L17_02P	Oblique shot of Earth	NASA Jet Propulsion Laboratory (NASA-JPL)	17
U08_11P-102366	Surface of the sun exhibiting solar flares.MHE North America	Brand X Pictures/PunchStock	17.1_410- 411
P5_CAUBC06_L1_03P- 284379	Step 3: Boy on the floor working on large paper	Macmillan/McGraw-Hill	17.1_411
P5_CAUBC06_L1_30P- 284379	Materials: illustration board, rulers, calculator, pasta wheels, colored pencils, tape	Macmillan/McGraw-Hill	17.1_411
P4_UDC08_L1_001P_SC 07-284137	Setting sun at Blakeney Point. Norfolk - UK	E.A. Janes/age fotostock	17.2_358- 359
P4_UDC08_L1_003P_SC 07-284137	Caucasian girl shining flashlight on self-stick note	Janet Beckman/Macmillan/M cGraw-Hill	17.2_359
P4_UDC08_L1_002P_SC 07-284137	Globe, self-stick notes, flashlight	Janet Beckman/Macmillan/M cGraw-Hill	17.2_359
P5_CAUBC06_L1_06P- 284379	Sun with large solar flare taken with SOHO/Extreme Ultraviolet Imaging Telescope	NASA/JPL- Caltech/CORBIS	17.2_412
P5_CAUBC06_L1_13P- 284379	Stars in space, detail of photo of comet in space	StockTrek/Getty Images	17.2_412- 413
P5_CAUBC06_L1_29P- 284379	Student making ball out of modeling clay	Ken Karp for MMH	17.2_415

U08_01P-102366	View of the Earth from space on a white background. Appears to be Africa and the Indian Ocean, turned 90 degrees counter-clockwise.MHE North America	Ingram Publishing / Alamy	17.2_436
C07-001P-287841	The planet Mercury. (DAL)	Elvele Images/Alamy	17.2_438
C07-002P-287841	Venus as seen from space. (DAL)	StockTrek/Getty Images	17.2_438
C07-009P-287841	Stars in deep outer space. (DAL)	Royalty-Free/CORBIS	17.2_438-439
C07-004P-287841	Mars as seen from space. (DAL)	StockTrek/Getty Images	17.2_439
C07-003P-287841	Earth as seen from space. (DAL)	Corbis	17.2_439
P5_UDC08_L3_017P_SC 07-284138	A couple of poster board circles of different colors; ruler; scissors. A couple of circles already cut out.	The McGraw-Hill Companies	17.2_439
C07-008P-287841	Wide view of the planet Saturn and its rings. (DAL)	Ingram Publishing/Alamy	17.2_440
C07-007P-287841	Jupiter from space. (DAL)	StockTrek/Getty Images	17.2_440
C07-005P-287841	Uranus as seen from space. (DAL)	Elvele Images/Alamy	17.2_441
C07-006P-287841	Neptune as seen from space. (DAL)	StockTrek/Getty Images	17.2_441
C04-038P-287747	NASA photos offer evidence for life on Mars	Getty Images	17.3_196
C04-037P-287747	Artist's rendition of Mars Rover	Stocktrek Images/Alamy	17.3_196-197
C04-039P-287747	Photograph of students (models) gathered around a piece of paper, creating a list of supplies for an expedition to Mars.	Mazer Creative Services	17.3_197
C05-002P-287747	Earth showing the Americas	Brand X Pictures/PunchStock	17.3_212
C05-003P-287747	African continent and the Middle East	NASA/Corbis	17.3_212

C05-004P-287747	Hurricane viewed from space	PhotoLink/Getty Images	17.3_213
P6_UDC08_L2_005P_SC07-284139	Astronaut on the moon (CD - Spacescapes - V34)	StockTrek/Getty Images	17.3_224
P6_UDC08_L2_006P_SC07-284139	Crater on the moon (CD - Astronomy and Space)	Digital Vision/PunchStock	17.3_225
P6_UDC08_L2_007P_SC07-284139	Mountains on the moon	NASA/Science Photo Library	17.3_225
P4_UDC08_L2_ISA_004P_SC07-284137	African American male student sitting at table entering data onto moon chart.	Janette Beckman/Macmillan/McGraw-Hill	17.3_377
P5_UD_CAR_002P_SC07-284138	Amateur astronomers target an object in the Milky Way - Kitt Peak - Arizona.	Frank Zullo/Photo Researchers, Inc.	18_472
P5_UD_CAR_001P_SC07-	Meteorology students monitor an isolated supercell thunderstorm in south-central Kansas on June 5 - 2004	Jim Reed/CORBIS	18_472
P6_UBC04_L1_001P_SC07-284139	Elephants at a watering hole	Nick Greaves/Alamy	19.1_184-185
P6_UBC04_L1_004P_SC07-	Student's hands and student data	Ken Karp/Macmillan/McGraw-Hill	19.1_185
P6_UBC04_L1_002P_SC07-	Thermometer; 4 small stakes; meterstick; string; thermometer; field guides; graph paper.	Ken Karp/Macmillan/McGraw-Hill	19.1_185
P6_UBC04_L1_003P_SC07-	Two students measuring the air temperature at height of one meter	Ken Karp/Macmillan/McGraw-Hill	19.1_185
P6_UBC04_L1_075P_SC07-284139	Close-up of hand holding clear plastic cup pouring water into a filter-lined strainer which rests atop a beaker	Ken Karp/Macmillan/McGraw-Hill	19.2_187
C01-012P-287746	Elodea epidermal cells showing chloroplasts	Kevin and Betty Collins/Visuals Unlimited	19.3_054

C01-013P-287746	Elodea giving off oxygen bubbles	C. MILKINS/OSF/Animals Animals-Earth Scenes	19.3_054
C01-012P-287746	Elodea epidermal cells showing chloroplasts	Kevin and Betty Collins/Visuals Unlimited	19.3_054
C01-013P-287746	Elodea giving off oxygen bubbles	C. MILKINS/OSF/Animals Animals-Earth Scenes	19.3_054
P5_UAC01_L3_023P_SC 07-284138	Jamaican Climber	Melanie Acevedo/Jupiterimages	19.3_056
P5_CAUAC02_L3_14P_2 84379-284379	Maple leaf	Getty Images	19.3_056
P5_CAUAC02_L3_14P_2 84379-284379	Maple leaf	Getty Images	19.3_056
P5_UAC01_L3_023P_SC 07-284138	Jamaican Climber	Melanie Acevedo/Jupiterimages	19.3_056
P5_CAUAC02_L3_24P_2 84379-284379	Leaf in jar of alcohol	Macmillan/McGraw-Hill	19.3_059
P5_UBC04_L1_008P_SC 07-284138	Nitrogen fixation - nodules on pea plant (Pisum sativum)	Wally Eberhart/Visuals Unlimited, Inc.	19.3_397
P5_UBC04_L1_017P_SC 07-284138	Single carrot	D. Hurst/Alamy	19.3_397
P5_UBC03_L2_014P_SC 07-284138	British solider lichen-Cladonia Cristatella MI. Bright red apothecia on wood -soil or bark. Fruiticose v.	Ed Reschke/Peter Arnold, Inc.	19.4_160
P5_UBC03_L2_015P_SC 07-284138	Ants (Lasius sp.) tending Aphids.	Ray Coleman/Visuals Unlimited	19.4_160
P5_UBC03_L2_016P_SC 07-284138	Mantra Ray (Manta birostris) - with two remoras (Remora remora) attached to it over Hallcion Reef off of cocos island-Costa Rica	Flip Nicklin/Minden Pictures	19.4_161

P5_UBC03_L2_019P_SC 07-284138	Pacific Lamprey Eel- Lamoreta Tridentata. Columbia River, WA	Darlyne A. Murawski/Peter Arnold, Inc.	19.4_162
P5_UBC03_L2_018P_SC 07-284138	Tapeworm Head Use Vertebrate Wall Scanning electron micrograph of a mammalian intestinal tapeworm Taenia sp mag 16x at 24 x 36 mm	Phototake/Alamy	19.4_162
P5_UBC03_L2_017P_SC 07-284138	Rocky Mountain wood tick (Dermacentor andersoni). Rickettsias - which are germs slightly larger than viruses - causes the disease Rocky Mountain spotted fever.	Larry West/Photo Researchers, Inc.	19.4_162
P5_UBC03_L2_FOLD_00 1P_SC07-284138-A	1. Competition and limiting factors 2. Niche and habitats 3. Mutualism - commensalism - and parasitism Make the following alterations to the text: Second tab should read "Niches and habitats" The other components remain the same.	Jacques Cornell/Macmillan/McG raw-Hill	19.5_163
P6_UBC04_L2_INV_090P _SC07-284139	Googles	Macmillan McGraw-Hill	19.6_204
P6_UBC04_L2_INV_008P _SC07-	Student (hands only) placing piece of elodea in test tube filled with about 10mL of light green liquid - or putting cap on tube after placing elodea in tube	Macmillan/McGraw-Hill	19.6_204
P6_UBC04_L2_INV_006P _SC07-	Student blowing through straw into small cup of bromothymol blue	Macmillan/McGraw-Hill	19.6_204
P6_UBC04_L2_INV_001P _SC07-	Bromothymol blue	Macmillan/McGraw-Hill	19.6_204
P6_UBC04_L2_INV_003P _SC07-	Test tube with cap	Macmillan/McGraw-Hill	19.6_204

P6_UBC04_L2_INV_002P_SC07-	Elodea	Macmillan/McGraw-Hill	19.6_204
P6_UBC04_L2_INV_005P_SC07-	Graduated cylinder for Materials box	Macmillan/McGraw-Hill	19.6_204
P6_UBC04_L2_INV_004P_SC07-	Drinking straw for Materials box	Macmillan/McGraw-Hill	19.6_204
P6_UBC04_L2_INV_007P_SC07-	Student (hands only) pouring 10 mL of bromothymol blue into a test tube	Macmillan/McGraw-Hill	19.6_204
P6_UBC04_L2_INV_089P_SC07-284139	Cup	Macmillan McGraw-Hill	19.6_204
P6_UBC04_L2_INV_088P_SC07-284139	Eloeda	Macmillan/McGraw-Hill	19.6_204-205
P6_UBC04_L2_INV_010P_SC07-284139	Spiral notebook	Macmillan/McGraw-Hill	19.6_205
P3_UEC10_L1_001P_SC07-284136	A snowman	Ei Katsumata/Alamy	2.1_396-397
P3_PM_UEC10_L1_001P_SC07-284136	Plastic Cup with Ice	Macmillan/McGraw-Hill	2.1_397
P3_UEC10_L1_002P_SC07-284136	African American boy using thermometer to measure temperature of ice water	Michael Scott/Macmillan/McGraw-Hill	2.1_397
P5_UEC10_L1_017P_SC07-284138	Iceberg. Paraiso Bay - Antarctica filename lists P5_UEC10_L1_001P	Juan Carlos Munoz/age fotostock	2.1_518-519
P5_UEC10_L1_002P_SC07-284138	Ice cubes; cool water; plastic cup - balance - thermometer - watch or clock - heat source (lamp). Might want to dye water.	Macmillan/McGraw-Hill	2.1_519
P5_UEC10_L1_003P_SC07-284138	Step 2: Hispanic boy measuring mass of ice and water in colored cup. Finding the mass of a cup of ice on an equal pan balance.	Macmillan/McGraw-Hill	2.1_519
P5_UEC10_L1_004P_SC07-284138	Step 3: Hispanic boy (same as 003P) using thermometer under lamp to measure temperature in cup with the cup positioned under a lamp.	Macmillan/McGraw-Hill	2.1_519

P3_UEC10_L1_011P_R_S C07	Spider in web with morning dew (replaces P3_UEC10_L1_011P)	Index Stock/Alamy	2.2
P3_UEC10_L1_021P_R_S C07	Boy eating flavored ice popsicle (replaces P3_UEC10_L1_021P)	Deborah Jaffe/Getty Images	2.2
P3_UEC10_L1_004P_SC0 7-	Lava flowing from erupting volcano	Masterfile	2.2_398
P5_UEC10_L1_006P_SC0 7-284138-A	Liquid Oxygen boiling	Richard Megna/Fundamental Photographs, NYC	2.2_521
P5_UEC10_L1_008P_SC0 7-284138	Ice water (CD - Contemporary Cuisine/V30)	John A. Rizzo/Getty Images	2.2_521
P5_UEC10_L1_010P_SC0 7-284138	Blown up balloon without string for silo.	Photodisc/Getty Images	2.3_523
P5_UEC10_L1_ISA_003P _SC07-284138	African American girl and thermometer	Macmillan/McGraw-Hill	2.5_526- 527
P5_UEC10_L1_ISA_004P _SC07-284138-A	Delete ALL temperatures in the table. Leave the parentheses and degree Celsius. For example: Hot water (C), Leave enough space in the parentheses that is looks like a two digit number will fit in the space.	Macmillan/McGraw-Hill	2.5_527
P5_UBC03_L2_001P_SC 07-284138	Africana jacana on hippo's head at Mukumi park	Tom Uhlman Photography	20.1_154- 155
P5_UBC03_L2_002P_SC 07-284138	2 glass fish bowls; gravel; pond or spring water; water plant such as elodea; water and land snails; soil; grass seed; earthworms - plastic wrap	Macmillan/McGraw-Hill	20.1_155
P5_UBC03_L2_004P_SC 07-284138	Closeup - hand shot of boy placing cellophane on top of bowl. Show grass seed - too - if possible.	Macmillan/McGraw-Hill	20.1_155
P5_UBC03_L2_003P_SC 07-284138	Asian male putting gravel in bowl. Snail and earthworm on table.	Macmillan/McGraw-Hill	20.1_155

P4_UBC03_L3_001P_SC 07-	Frog (Rana perezi) devouring grasshopper	age fotostock/SuperStock	20.2_148-149
P4_UBC03_L3_044P_SC 07-	4 students in the 4th grade - two boys and two girls. Each child should be filling out labels and/or taping them to their shirts.	Ken Karp/Macmillan/McGraw-Hill	20.2_149
P4_UBC03_L3_043P_SC 07-	Butcher paper, markers, meter stick, scissors, tags	Joe Polillio/Macmillan/McGraw-Hill	20.2_149
P5_UBC03_L1_015P_SC 07-284138	There should be 10 cards in the shot and they should all say ≈ 100 energy units. \approx Multicolored cards - in pastel colors.	Macmillan/McGraw-Hill	20.3_148
P5_UBC03_L1_FOLD_00 1P_SC07-284138	1. Food chains 2. Food webs 3. Energy pyramids 4. Energy Flow in Ecosystems	Jacques Cornell/Macmillan/McGraw-Hill	20.4_151
G5_TX_L21_01P	Wildebeest and Burchell s zebra in dust storm	Getty Images	21
G5_TX_L21_06P	Florida Panther: Fewer than 80 Florida panthers remain in the wild.	Barry Barker/The McGraw-Hill Companies	21
G5_TX_L21_07P	Ibis standing on tree trunk: Close up, profile view of an Ibis perching on tree trunk	Getty Images	21
G5_TX_L21_05P	Buckeye butterfly (Junonia Coenia)	Creatas/PunchStock	21
G5_TX_L21_02P	Bridge construction	Digital Vision/PunchStock	21
G5_TX_L21_03P	Coal strip mining, Colstrip, Montana	Creatas/SuperStock	21
G5_TX_L21_04P	Mangrove community along Florida costal area: Birds perching on mangrove trees along a coastal area in Florida, USA.	Barry Barker/The McGraw-Hill Companies	21

P5_UBC04_L2_001P_SC 07-284138	Cambodia - Angkor - tree roots through entrance to Ta Prohm Temple.	Jerry Alexander/Getty Images	21.1_194-195
P5_UBC04_L2_022P_SC 07-284138	Ruler	Macmillan/McGraw-Hill	21.1_195
P5_UBC04_L2_004P_SC 07-284138	Lava flow covering beach at Kamoamo - Big Island.	G. Brad Lewis/Photo Resource Hawaii	21.2_196
P5_UBC04_L2_005P_SC 07-284138	Beaver building dam - N. America	Dominique Braud/Dembinsky Photo Associates	21.2_197
U05_11P-102366	Industrial toxic waste from oil drums. McGraw-Hill Companies	Photo courtesy of U. S. Department of Agriculture Soil Conservation Service	21.3_276
U05_12P-102366	Compaction of MSW and deposition and compaction of a layer of clay at a landfill. McGraw-Hill Companies	Doug Sherman/Geofile	21.3_277
C06-001P-288009	Smog Over Los Angeles	Kent Knudson/PhotoLink/Getty Images	21.3_278
P5_UCC06_L4_017P_SC 07-284138	Truck (CD - Industry and Transportation/V39)	Edmond Van Hoorick/Getty Images	21.3_278
P5_UCC06_L4_015P_SC 07-284138	SBUV/2 total ozone - 02/26/2006 - northern hemisphere:	NOAA-National Oceanic and Atmospheric Administration	21.3_279
P5_UCC06_L4_016P_SC 07-284138	Erupting volcano and ash cloud - Mount Ruapehu - New Zealand.	Andy Belcher/Imagestate/JupiterImages	21.3_279
P5_UCC06_L4_018P_SC 07-284138	Dirty air pollutant catcher. Quick Lab.	Macmillan/McGraw-Hill	21.3_279
U05_13P-102366	Uncontrolled runoff from livestock yard may contribute to organic waste and pollution in local streams and shallow ground water. McGraw-Hill Companies.	Photograph by Tim McCabe, courtesy USDA Natural Resources Conservation Service	21.3_280

P5_UCC06_L4_012P_SC 07-284138	Sewage Pipe Dumping Water Into Reservoir	Lars Langemeier/A.B./zefa/ CORBIS	21.3_281
U05_14P-102366	Pollution. MHE North America	Steve Allen/Brand X Pictures	21.3_281
P5_UBC04_L2_015P_SC 07-284138	Atlantic Sturgeon Acipenser oxyrinchos ocean marine sportfishing sport fishing underwater fish water ocean sea animal Saint Lawr	Visual&Written SL/Alamy	21.4_198
P5_UBC04_L2_008P_SC 07-284138	Hawksbill turtle eretmochelys imbricata and spadefish Bahamas	Stephen Frink Collection/Alamy	21.4_199
P5_UBC04_L2_011P_SC 07-284138	Southern flying squirrel (Glaucomys volans) in fall in Cleveland - Ohio.	Nicholas Bergkessel, Jr./Photo Researchers, Inc.	21.4_199
P5_UBC04_L2_007P_SC 07-284138	Colony of Alabama Canebreak Pitcher Plant (Sarracenia alabamensis)	David J. Littell/Dembinsky Photo Associates	21.4_199
P5_UBC04_L2_009P_SC 07-284138	Female Karner Blue Butterfly (Lycaeides melissa ssamuelis) - an endangered species - Manistee National Forest - Michigan	Ross Frid/Visuals Unlimited	21.4_199
P5_UBC04_L2_FOLD_00 1P_SC07-284138	1. Ecosystem changes 2. Extinct 3. Primary and secondary succession	Jacques Cornell/Macmillan/McG raw-Hill	21.5_203
P5_UBC04_L2_ISA_001P _SC07-284138	Bald eagle (Haliaetus leucocephalus) on nest; FL; March	Joe McDonal/Bruce Coleman USA	21.6_204- 205
P5_UBC04_L2_ISA_004P _SC07-284138	Bald eagle (Haliaetus leucocephalus) flying with fish in talons (CD - Nature, Wildlife and the Environment 2/V44)	Alan and Sandy Carey/Getty Images	21.6_205
P5_UBC04_L2_ISA_003P _SC07-284138	Kid art chart. This chart should be the start of a bar graphy made by a student.	Macmillan/McGraw-Hill	21.6_205
G5_TX_L22_01P	Upside-down domestic duck (Anas sp.) diving in lake	Martha Catherine Ivey/Flickr/Getty Images	22

P5_UBC03_L3_001P_SC 07-284138	Spiny bug (Pephricus livingstone) -pair inset mimics plant as camouflage-South Africa	Michael & Patricia Fogden/Minden Pictures	22.1_166- 167
P5_UBC03_L3_004P_SC 07-284138	Hand shot: Long shot of girl placing paper towel tray next to already placed towel.	Macmillan/McGraw-Hill	22.1_167
P5_UBC03_L3_002P_SC 07-284138	15 Sow bugs - tray - hand lens - paper towels - water	Macmillan/McGraw-Hill	22.1_167
P5_UBC03_L3_003P_SC 07-284138	Caucasian girl examining a sow bug with a hand lens	Macmillan/McGraw-Hill	22.1_167
P5_UAC02_L4_010P_SC 07-284138	Cross orbweaver European garden spider	Blickwinkel/Alamy	22.2_124
P5_UAC02_L4_008P_SC 07-284138	Weaver Nest East Africa Tanzania Lake Manyara National Par	Danita Delimont/Alamy	22.2_124
P5_UAC02_L4_009P_SC 07-284138	A dog catching a frisbee	Adrian Sherratt/Alamy	22.2_125
P5_UBC03_L3_005P_SC 07-284138	A balloonfish (Diodon holacanthus) in an inflated state in front of a sea fan	Marty Snyderman/Visuals Unlimited	22.3_168
P5_UBC03_L3_006P_SC 07-284138	Diodon holacanthus . A puffer fish.	Marty Snyderman/Visuals Unlimited	22.3_168
P5_UBC03_L3_007P_SC 07-284138	Cactus	Organics image library/Alamy	22.3_168
P5_UBC03_L3_009P_SC 07-R	Sea Otter	Russell Illig/Getty Images	22.3_169
P5_UBC03_L3_008P_SC 07-284138	Baby African Elephant Holding Mother's Tail. Location Information: Masai Mara National Reserve - Kenya	Tom Brakefield/CORBIS	22.3_169
P5_UBC04_L3_008P_SC 07-284138	Scorpion (CD - Amazing Creatures/DV13)	Digital Vision/Getty Images	22.3_209
P5_UBC04_L3_007P_SC 07-284138	Sonoran Desert AZ	Stan Osolinski/Dembinsky Photo Associates	22.3_209
P5_UBC04_L3_009P_SC 07-284138	Caribou (Rangifer tarandus) - Bull grazing near Mount Denali- Denali National Park Alaska	Michio Hoshino/Minden Pictures	22.3_210

P5_UBC04_L3_025P_SC 07-284138	Wolverine- walks in snow. Gulo gulo	M. Watson/Ardea.com	22.3_211
P5_UBC04_L3_012P_SC 07-284138	Taiga - Alaska	Dembinsky Photo Associates	22.3_211
P5_UBC04_L3_015P_SC 07-284138	Taft Creek - Hoh Rainforest - Olympic National Park - Washington (CD - Seasons DV312)	Digital Vision/Getty Images	22.3_212
P5_UBC04_L3_014P_SC 07-284138	Olemoe Falls in lush tropical rainforest on Savai'i Island - Samoa.	Peter Hendrie/Lonely Planet Images	22.3_212
P5_UBC04_L3_019P_SC 07-284138	E. chipmunk	Carl R. Sams II/Dembinsky Photo Associates	22.3_213
P5_UBC04_L3_020P_SC 07-284138	Autumn Trees (CD - Trees and Flowers)	Brand X Pictures/PunchStock	22.3_213
P5_UBC04_L3_017P_SC 07-284138	Northern Red Oak leaf (Quercus rubra)	imagebroker/Alamy	22.3_213
P5_UBC04_L3_018P_SC 07-284138	Aloe Vera dripping	D. Hurst/Alamy	22.3_213
P5_UBC04_L3_022P_SC 07-284138	Bison (Bison bison) adults and calves on prairie - side view. South Dakota - USA	Joanna McCarthy/Getty Images	22.3_214
P5_UBC04_L4_005P_SC 07-284138	Mixed marine diatoms from the ocean floor.	Science VU/Visuals Unlimited	22.3_220
P5_UBC04_L4_007P_SC 07-284138	Tropical shrimps-on rock. Rhynchocinetes	Pat Morris/Ardea.com	22.3_220
P5_UBC04_L4_006P_SC 07-284138	Humpback whale (Megaptera novaengliae) - Tonga	Mike Parry/Minden Pictures	22.3_220
P5_UBC04_L4_007P_SC 07-284138	Tropical shrimps-on rock. Rhynchocinetes	Pat Morris/Ardea.com	22.3_220
P5_UBC04_L4_005P_SC 07-284138	Mixed marine diatoms from the ocean floor.	Science VU/Visuals Unlimited	22.3_220
P5_UBC04_L4_006P_SC 07-284138	Humpback whale (Megaptera novaengliae) - Tonga	Mike Parry/Minden Pictures	22.3_220
P5_UBC04_L4_009P_SC 07-284138	The rainbow trout (Oncorhynchus mykiss) is a popular sport fish.	Tom & Pat Leeson/Photo Researchers, Inc.	22.3_221

P5_UBC04_L4_012P_SC 07-284138	2 cups. 1 labeled freshwater - the other labeled salt water. Each with a carnation (pink)	Macmillan/McGraw-Hill	22.3_221
P5_UBC04_L4_010P_SC 07-284138	Freshwater Shrimp {Gammarus pulex} UK.	Kim Taylor/naturepl.com	22.3_221
P5_UBC04_L4_008P_SC 07-284138	Spirogyra are filamentous freshwater Green Algae that have chloroplasts that run like a helix through the cells.	Wim van Egmond/Visuals Unlimited	22.3_221
P5_UBC04_L4_009P_SC 07-284138	The rainbow trout (Oncorhynchus mykiss) is a popular sport fish.	Tom & Pat Leeson/Photo Researchers, Inc.	22.3_221
P5_UBC04_L4_010P_SC 07-284138	Freshwater Shrimp {Gammarus pulex} UK.	Kim Taylor/naturepl.com	22.3_221
P5_UBC04_L4_008P_SC 07-284138	Spirogyra are filamentous freshwater Green Algae that have chloroplasts that run like a helix through the cells.	Wim van Egmond/Visuals Unlimited	22.3_221
P5_UBC04_L4_013P_SC 07-284138	Aerial view of Pocohontas River - USA	Stock Images/Alamy	22.3_222
P5_UBC04_L4_015P_SC 07-284138	Male wood duck	Sharon Cummings/Dembinsky Photo Associates	22.3_222
P5_UBC04_L4_020P_SC 07-284138	Tubeworm With Spines Enclosed	Jeffrey L. Rotman/CORBIS	22.3_225
P5_UBC04_L4_019P_SC 07-284138	Octopus	Brandon Cole Marine Photography/Alamy	22.3_225
P5_UBC04_L4_011P_SC 07-284138	Under Water (CD - Earth's Elements/BS38)	Ryan McVay/Getty Images	22.3_225
P5_UBC04_L4_018P_SC 07-284138	Kelp Forest West Coast USA	Papilio/Alamy	22.3_225
P5_UBC04_L4_019P_SC 07-R	Blue-Ringed Octopus, Mabul Island, Malaysia	Brand X Pictures/PunchStock	22.3_225
P5_UBC04_L4_017P_SC 07-284138	Mussels in the intertidal zone of Atlantic coast. Namibia	Martin Gabriel/naturepl.com	22.3_225

P5_UBC04_L4_022P_SC 07-284138	Bobcat (<i>Lynx rufus</i>) sitting on a beaver-felled tree among cattails at the edge of a pond. Bobcats are found in many habitats - including wetlands - throughout North America.	Jeffrey Lepore/Photo Researchers, Inc.	22.3_226
P5_UBC04_L4_021P_SC 07-284138	Saltmarsh and estuary in Fernandina Beach - Florida - USA	Joseph L. Fontenot/Visuals Unlimited	22.3_226
P5_UBC03_L3_012P_SC 07-284138	Epiphytic Arboreal Orchid-growing tree fork. <i>Cattleya</i> sp.	Kenneth W. Fink/Ardea.com	22.4_170
P5_UBC03_L3_024P_SC 07-284138	Aquatic Plant - <i>Elodea</i> Species	Ken Karp/Macmillan/McGraw-Hill	22.4_171
P5_UBC03_L3_011P_SC 07-284138	Boat and Lily Pads in Cape Cod	Michael Melford/Getty Images	22.4_171
P5_UBC03_L3_013P_SC 07-284138	Pine branch with pine cones against a white background (CD - Natural Elements)	Brand X Pictures/PunchStock	22.4_171
P5_UBC03_L3_015P_SC 07-284138	African barred owlet <i>Glaucidium capense</i> South Africa Kruger NP Aug 05	Blickwinkel/Alamy	22.5_172
P5_UBC03_L3_017P_SC 07-284138	Bay pipefish; Pacific Coast; <i>Syngnathus griseolineatus</i>	Pat Morris/Ardea.com	22.5_173
P5_UBC03_L3_016P_SC 07-284138	Arctic hares (<i>Lepus arcticus</i>) - Ellesmere Island Northwest Territories-Canada	Jim Brandenburg/Minden Pictures	22.5_173
P5_UBC03_L3_019P_SC 07-284138	Coral snake (<i>Micrurus nigrocinctus</i>) - Central America	Mitsuhiko Imamori/Minden Pictures	22.5_174
P5_UBC03_L3_020P_SC 07-284138	Tropical kingsnake (<i>Lampropeltis triangulum</i>) - non-venomous mimic of coral snake on mossy rainforest floor-Costa Rica	Michael & Patricia Fogden/Minden Pictures	22.5_174

P5_UBC03_L3_FOLD_00 1P_SC07-284138	1. Main Idea 2. What I learned... 3. Sketches 4. Adaptations 5. Plant adaptations 6. Camouflage and mimicry 7. Adaptation and Survival	Jacques Cornell/Macmillan/McGraw-Hill	22.6_175
P4_UBC03_L2_RIS_002P _SC07-	Mangrove Land Crab likely to be <i>Cardisoma guanhumi</i> Maria La Gorda Guanahacabibes UNESCO Biosphere Reserve Cuba	Visual&Written SL/Alamy	22.7_146
P4_UBC03_L2_RIS_001P _SC07-	Buckeye butterfly wings open (<i>Junonia coenia</i>) in Florida - southeastern USA.	John Shaw/Photo Researchers, Inc.	22.7_146
P4_UBC03_L2_RIS_006P _SC07-284137	Stiff leaved bromelia Bromelie on water cypress USA Florida Apr 00	Blickwinkel/Alamy	22.7_146- 147
P4_UBC03_L2_RIS_003P _SC07-	Mangrove water snake { <i>Nerodia fasciata compressicauda</i> } Florida USA.	Barry Mansell/naturepl.com	22.7_147
P4_UBC03_L2_RIS_005P _SC07-284137	Everglades National Park - Florida. A purple gallinule perches on a tree branch.	Klaus Nigge/Getty Images	22.7_147
P5_UBC03_L3_RIS_001P _SC07-284138	Caroline Chaboo collecting beetles from a fungusy log in Nicaragua.	Caroline Chaboo/American Museum of Natural History	22.7_176
P5_UBC03_L3_RIS_002P _SC07-284138	Puerto Rican palm	Graeme Teague Photography	22.7_176- 177
P5_UBC03_L3_RIS_003P _SC07-284138	Adult beetle specimen of <i>Hemisphaerota palmarum</i> - an endemic from the Dominican Republic.	Courtesy of Dr.Lech Borowiec/Zoological Institute	22.7_177
P5_UBC03_L3_RIS_004P _SC07-284138	Cassidine beetle larva (covered with fecal umbrellas) have chewed up this <i>Sabal</i> palm leaf - leaving dark brown streaks.	Caroline Chaboo/American Museum of Natural History	22.7_177

P4_UAC02_L3_INV_005P_SC07-	Scissors	Macmillan/McGraw-Hill	22.8_106
P4_UAC02_L3_INV_006P_SC07-	Basin of water	Macmillan/McGraw-Hill	22.8_106
P4_UAC02_L3_INV_004P_SC07-	Contact paper	Macmillan/McGraw-Hill	22.8_106
P4_UAC02_L3_INV_002P_SC07-	Craft Sticks	Macmillan/McGraw-Hill	22.8_106
P4_UAC02_L3_INV_003P_SC07-	Glue	Macmillan/McGraw-Hill	22.8_106
P4_UAC02_L3_INV_007P_SC07-	A 4th grade student (African American boy) using craft sticks and glue to assemble a foot structure model.	Macmillan/McGraw-Hill	22.8_106
P4_UAC02_L3_INV_008P_SC07-	Student making foot webbed by glueing waxed paper to one of the foot structures	Macmillan/McGraw-Hill	22.8_106
P4_UAC02_L3_INV_009P_SC07-	Student about to test how well the webbed foot works in the water - by holding it just above the basin of water	Macmillan/McGraw-Hill	22.8_106
P4_UAC02_L3_INV_001P_SC07-284137	White Pekin Duck (CD - Animal Attraction/OS50)	G.K. & Vikki Hart/Getty Images	22.8_107
G5_TX_L23_01P	Close-up, side view of a pale adult periodical cicada (Magicicada septendecim) emerging from its exoskeleton	Design Pics Inc./Alamy	23
G5_TX_L23_02P	Close-up view of honey bees at work in honeycomb	Peter Arnold/Digital Vision/Getty Images	23
P4_UAC02_L4_002P_SC07-284137	Hispanic female 4th grade student with butterfly kit in place.	Macmillan/McGraw-Hill	23.1_109
P4_UAC02_L4_044P_SC07-284137	Butterfly kit	Macmillan/McGraw-Hill	23.1_109
P3_UAC07_L1_031P_R_SC07	Bumble Bee on a Sunflower (replaces P3_UAC07_L1_031P)	IT Stock/age fotostock	23.2

P3_UAC02_L2_005P_R_SC07	Five-months old cheetah (acynonyx Jubatus) cubs (replaces P3_UAC02_L2_005P)	Federico Veronesi/Gallo Images ROOTS Collection/Getty Images	23.2
P3_UAC02_L2_006P_R_SC07	Cheetah Masai Mara Kenya Africa (replaces P3_UAC02_L2_006P)	Nature Picture Library/Alamy	23.2
P3_UAC02_L2_004P_R_SC07	Cheetah with Cubs (replaces P3_UAC02_L2_004)	Jess Alford/Getty Images	23.2
P3_UAC02_L2_025P_SC07-284136	A brown adult chicken (CD - Everyday Animals/OS18)	Photodisc/Getty Images	23.2_085
P3_UAC02_L2_023P_SC07-284136	A brown chicken egg (CD - Objects of Nature/OS38)	Siede Preis/Getty Images	23.2_085
P3_UAC02_L2_024P_SC07-284136	A brown chick (CD - Everyday Animals/OS18)	Photodisc/Getty Images	23.2_085
P5_UAC02_L2_016P_SC07-284138	Red Tussock grass(<i>Chionochloa rubra</i>) - South Island New Zealand	Konrad Wothe/Minden Pictures	23.2_105
P5_UAC02_L3_008P_SC07-284138	Reptile or chicken coming out of its shell - just hatched.	Dwight R. Kuhn Photography	23.2_114
P5_UAC02_L3_010P_SC07-284138	Mature reptile or chicken.	Dwight R. Kuhn Photography	23.2_114
P3_UAC02_L1_010P_R_SC07	Stargazer Lily (replaces P3_UAC02_L1_010P)	Brand X Pictures/PunchStock	23.3
P5_UAC02_L3_016P_SC07-284138	Migratory locust. <i>Locusta migratoria</i> . Sequence of pictures showing development No.1 of 7 Insta	Image Quest/NHPA	23.3_115
P5_UAC02_L3_015P_SC07-284138	Eggs in soil - short horned or "true" grasshopper - two striped grasshopper- <i>Melanoplus bivittatus</i>	Dwight R. Kuhn Photography	23.3_115
P5_UAC02_L3_012P_SC07-284138	Blue morpho butterfly (<i>Morpho peleides</i>) - Catepillar on twig	Ingo Arndt/Foto Natura/Minden Pictures	23.3_115
P5_UAC02_L3_013P_SC07-284138	Blue morpho butterfly (<i>Morpho peleides</i>)Chrysalis	Ingo Arndt/Foto Natura/Minden Pictures	23.3_115

P5_UAC02_L3_011P_SC07-284138	Morpho Peleides ButterflyEggs	Papilio/Alamy	23.3_115
P5_UAC02_L3_014P_SC07-284138	Morpho butterfly (Morpho peleides) - In flight	Michael & Patricia Fogden/Minden Pictures	23.3_115
P5_UAC02_L3_018P_SC07-284138	Short Horned Grasshopper - Melanoplus spp.	Dwight R. Kuhn Photography	23.3_115
P5_UAC02_L3_FOLD_001P_SC07-284138	1. Metamorphosis 2. External and internal fertilization 3. Eggs	Jacques Cornell/Macmillan/McGraw-Hill	23.4_119
P5_UAC02_L3_INV_003P_SC07-284138	2 plastic cups with lids	Macmillan/McGraw-Hill	23.5_120
P5_UAC02_L3_INV_002P_SC07-284138	Wax worm food	Macmillan/McGraw-Hill	23.5_120
P5_UAC02_L3_INV_008P_SC07-284138	Black construction paper	Macmillan/McGraw-Hill	23.5_120
P5_UAC02_L3_INV_004P_SC07-284138	Step 2. Hispanic girl taping black construction paper around plastic cup containing wax worms.	Macmillan/McGraw-Hill	23.5_120
P5_UAC02_L3_INV_005P_SC07-284138	Step 3. Hispanic girl (same as L3_INV_004P) placing plastic cup with wax worm larvae under lamp.	Macmillan/McGraw-Hill	23.5_120
P5_UAC02_L3_INV_011P_SC07-284138	Metric ruler	Macmillan/McGraw-Hill	23.5_120
P5_UAC02_L3_INV_010P_SC07-284138	Petri dish	Macmillan/McGraw-Hill	23.5_120
P5_UAC02_L3_INV_009P_SC07-284138	Lamp	Macmillan/McGraw-Hill	23.5_120
P5_UAC02_L3_INV_001P_SC07-284138	Wax worm larvae	Macmillan/McGraw-Hill	23.5_120
P5_UAC02_L3_INV_007P_SC07-284138	Forceps	Macmillan/McGraw-Hill	23.5_120
P5_UAC02_L3_INV_006P_SC07-284138	Wax Moth (Galleria mellonella)	Andrew Darrington/Alamy	23.5_121
P6_UB_CAR_002P_SC07-	Wildlife conservation worker	Robert Harding Picture Library/Alamy	24_236
P6_UB_CAR_001P_SC07-	Tree care technician at work	Tom Stewart/CORBIS	24_236

G5_TX_L27_01P	Adobe home with solar panels	VisionsofAmerica/Joe Sohm/Photodisc/Getty Images	27
G5_TX_L28_02P	Poison ivy vine growing on a tree.	Carol Wolfe, photographer	28
G5_TX_L28_03P	This western diamondback rattlesnake, <i>Crotalus atrox</i> , is a well known, large, gray to rust-colored serpent that is widely distributed across the southwestern to southcentral aspect of the United States, and adjacent Mexico. Its abundant along 80 percent of the Texas Gulf Coast and its barrier islands, as well as the Tamaulipan region along the southern	CDC/Edward J. Wozniak D.V.M., Ph.D.	28
G5_TX_L03_01P	Orange ice pop on a stick against a blue background	BananaStock/PunchStock	3
PM_TABLESPOON_METAL.PSD-XPML08	Tablespoon Metal	Macmillan/McGraw-Hill	3
PM_PITCHER_TALL_ORANGELID.PSD-XPML08	Pitcher Tall OrangeLid	Macmillan/McGraw-Hill	3
PM_CYLINDER_GRAD_100ML.PSD-XPML08	Cylinder Grad 100mL	Macmillan/McGraw-Hill	3
PM_BALANCE_G4-6CRW.PSD-XPML08	Balance G4-6CRW	Macmillan/McGraw-Hill	3
PM_CUPS_PLASTIC_300ML.PSD-XPML08	Cups Plastic 300ml	Macmillan/McGraw-Hill	3
PM_MARKER_WATERPROOF.PSD-XPML08	Marker Waterproof	Macmillan/McGraw-Hill	3
PM_SALT.PSD-XPML08	Salt	Macmillan/McGraw-Hill	3
P4_UEC10_L2_001P_SC07-284137	Leaves Floating on Pond	Pat O'Hara/CORBIS	3.1_456-457
P4_UEC10_L2_003P_SC07-284137	African American boy with two clear plastic cups filled with water. One cup says salt and one cup says sand.	Macmillan/McGraw-Hill	3.1_457

P4_UEC10_L2_002P_SC07-284137	4 clear plastic cups, warm water, milimeter measuring cup, marker, cold water, salt, sand, 4 plastic spoons, sugar and covered gelatin.	Macmillan/McGraw-Hill	3.1_457
P5_UEC10_L2_001P_SC07-	Swirls of colour seen in partly-mixed wet paints.	Adrienne Hart-Davis/Photo Researchers, Inc	3.2_528-529
P5_UEC10_L2_025P_SC07-284138	Sugar cubes - container of cold & hot water - labels (four labels: Control - test 1 - test 2 - test3) - stop watch - spoon - 4 plastic cups	Macmillan/McGraw-Hill	3.2_529
P5_UEC10_L2_027P_SC07-284138	Step 2: Asian Female (?) about to place a sugar cube in a 1/2 cup of water - while holding a stop watch in the opposite hand	Macmillan/McGraw-Hill	3.2_529
P5_UEC10_L2_026P_SC07-284138	Kid Drawn Table - add temperature column to chart - next to water.	Macmillan/McGraw-Hill	3.2_529
P5_UEC10_L2_005P_SC07-	trail mix	Macmillan/The McGraw Hill Companies	3.3_530
P5_UEC10_L2_007P_SC07-284138	Macro close-up shot of mud particles in water from	Macmillan/McGraw-Hill	3.3_531
P5_UEC10_L2_008P_SC07-284138	Beaker of muddy water - settled. Colored background.	Macmillan/McGraw-Hill	3.3_531
P5_UEC10_L2_006P_SC07-284138	Beaker of muddy water. Colored background.	Macmillan/McGraw-Hill	3.3_531
P3_UEC10_L1_ISA_001P_SC07-	Man kayaking in icy water in Alaska	Michael DeYoung/CORBIS	3.4_404
P3_UEC10_L1_ISA_002P_SC07-	Boy adding salt to one of two plastic cups sitting on table	Macmillan/McGraw-Hill	3.4_405
P5_UEC10_L2_009P_SC07-284138	Glass containing clear fizzy liquid	ImageState/Alamy	3.4_532
P5_UEC10_L2_010P_SC07-284138	Sky and Clouds (CD - Seasonal Backgrounds/BS25)	Siede Preis/Getty Images	3.4_532-533
P5_UEC10_L2_011P_SC07-284138	Close up of a mountain bike (CD - Sport/SD127)	Stockdisc/Punchstock	3.4_532-533

P5_UEC10_L2_012P_SC07-	cup of hot water and cup of cold water	Macmillan/The McGraw-Hill Companies	3.4_533
P5_UEC10_L2_013P_SC07-284138	Spoon (no hand) pouring green Koolaid into beaker of water. or other powdered substance - as long as it's a bright color.	Macmillan/McGraw-Hill	3.4_533
P5_UEC10_L2_FOLD_001P_SC07-284138	1. Properties of mixtures... 2. Types of mixtures... 3. Separating mixtures...	Jacques Cornell/Macmillan/McGraw-Hill	3.6_537
P5_UEC10_L2_INV_012P_SC07-284138	Iron Filings	Macmillan/McGraw-Hill	3.7_538
P5_UEC10_L2_INV_004P_SC07-284138	Caucasian boy about to use magnet to remove iron fillings from the mixture - show the letter on magnet	Macmillan/McGraw-Hill	3.7_538
P5_UEC10_L2_INV_001P_SC07-284138	Sand- gravel - two bowls - spoon - iron fillings - sieve - tweezers - bar magnet (cross reference - only shoot if it doesn't already exist)	Macmillan/McGraw-Hill	3.7_538
P5_UEC10_L2_INV_003P_SC07-284138	Caucasian boy using tweezers to remove iron fillings from the sand/gravel/iron mixture. An example of mixture is aquarium gravel.	Macmillan/McGraw-Hill	3.7_538
P5_UEC10_L2_INV_011P_SC07-284138	Sieve	Macmillan/McGraw-Hill	3.7_538
P5_UEC10_L2_INV_002P_SC07-284138	Caucasian boy about to pour mixture of sand - gravel - iron fillings - through a sieve. The sieve can be wire mesh over a pan - if necessary.	Macmillan/McGraw-Hill	3.7_538
P5_UEC10_L2_INV_014P_SC07-284138	Spain Canary Islands La Palma Fuencaliente	Authors Image/Alamy	3.7_539
P5_UFC11_L2_001P_SC07-284138	Skyboarder	Wild Pics/Getty Images	4.1_582-583

P5_UFC11_L2_004P_SC0 7-284138	African American girl holding out arms with golf ball and tennis ball - about to be dropped.	Macmillan/McGraw-Hill	4.1_583
P5_UFC11_L2_002P_SC0 7-284138	Equal pan balance - colored golf ball - tennis ball - cotton ball	Macmillan/McGraw-Hill	4.1_583
P5_UFC11_L2_003P_SC0 7-284138	African American girl measuring mass of tennis ball (hand shot). Last mass about to be placed on unbalanced scale.	Macmillan/McGraw-Hill	4.1_583
P4_UFC11_L2_001P_SC0 7-284137	Baseball player hitting ball with bat	Mike Powell/Getty Images	4.2_492-493
P4_UFC11_L2_002P_SC0 7-284137	Show 4 textbooks or books of similar size, a piece of cardboard, a steel ball, a marker, and a magnet.	J. Beckman/Macmillan/McGraw-Hill	4.2_493
P4_UFC11_L2_003P_SC0 7-284137	One student holding a ball at the top of the ramp and in his other hand is a magnet about half way down the ramp.	J. Beckman/Macmillan/McGraw-Hill	4.2_493
P3_UFC11_L2_023P_R_S C07	Full-length view of baseball player throwing ball out doors (replaces P3_UFC11_L2_023P)	Donald Miralle/Getty Images	4.3
P3_UFC11_L2_004P_R_S C07	Kids with dog in toy wagon outside (P3_UFC11_L2_004P)	Comstock Premium/Alamy	4.3
P3_UFC11_L2_006P_R_S C07	Football player attempting to kick field goal, teammate holding ball vertically against pitch (replaces P3_UFC11_L2_006P)	Juice Images/Corbis	4.3
P3_UFC11_L2_008P_R_S C07	Low angle view of, a male goalie jumping to stop a ball (replaces P3_UFC11_L2_008P)	Ingram Publishing	4.3
P3_PM_UFC11_L2_002P_ SC07-284136	Books	Macmillan/McGraw-Hill	4.3_443
P3_PM_UFC11_L2_004P_ SC07-284136	Cardboard	Macmillan/McGraw-Hill	4.3_443
P3_PM_UFC11_L2_003P_ SC07-284136	Toy Car	Macmillan/McGraw-Hill	4.3_443

P3_UFC11_L2_003P_SC07-284136	Close-up of the hand of the same girl as in 002P holding a tennis ball at the top of the cardboard ramp as if ready to release it	Michael Scott/Macmillan/McGraw-Hill	4.3_443
P3_UFC11_L2_002P_SC07-284136	9-year old Hispanic girl sitting on the floor on which is a stack of 4 books with a piece of cardboard leaning against the books to form a ramp	Michael Scott/Macmillan/McGraw-Hill	4.3_443
P3_PM_UFC11_L2_006P_SC07-284136	Masking tape	Macmillan/McGraw-Hill	4.3_443
P3_UFC11_L3_006P_SC07-284136	A boy and a girl playing violins	WizData, Inc./Alamy	4.3_455
P5_UFC11_L2_005P_SC07-284138	Boy and Bulldog Playing with Rope Outdoors	Larry Williams/zefa/CORBIS	4.3_584
P5_UFC11_L2_009P_SC07-284138	Batter Hitting Homerun	Chuck Savage/CORBIS	4.3_585
P5_UFC11_L2_013P_SC07-284138	Tennis Balls and Racket (CD - Sports and Recreation 2/V51)	Jack Hollingsworth/Getty Images	4.4_586
P5_UFC11_L2_014P_SC07-284138	Soccer ball	Photodisc/Getty Images	4.4_586
P5_UFC11_L2_010P_SC07-284138	Parachute jumper in mid air	Tim Keatley/Alamy	4.4_586
P5_UFC11_L2_012P_SC07-284138	Bowling ball (CD - Everyday Objects 3/OS08)	Photodisc/Getty Images	4.4_586
P5_UFC11_L3_009P_SC07-284138	African American boy dropping beach ball	Macmillan/McGraw-Hill	4.5_600
P5_UFC11_L3_010P_SC07-284138	African American boy lifting beach ball.	Macmillan/McGraw-Hill	4.5_600
P5_UFC11_L3_011P_SC07-284138	African boy throwing beach ball. Chest pass - no bounce.	Macmillan/McGraw-Hill	4.5_600
P5_UFC11_L3_012P_SC07-284138	Hanging spring scale holding a book tied up with colorful string.	Macmillan/McGraw-Hill	4.5_601

P5_UFC11_L3_013P_SC07-284138	Scrap heap in London - UK - showing a large disklike electromagnet suspended on chains & manipulated by a crane.	Alex Bartel/Photo Researchers, Inc.	4.5_601
P5_UFC11_L3_015P_SC07-284138	Grinding wheel with sparks	Steve Dunwell/Getty Images	4.5_602
P5_UFC11_L3_014P_SC07-284138	Hoover Dam	Lester Lefkowitz/CORBIS	4.5_602
P5_UFC11_L3_FOLD_001P_SC07-284138	1. Work is done when... 2. Energy is needed to... 3. One form of energy can be...	Jacques Cornell/Macmillan/McGraw-Hill	4.6_603
P5_UFC11_L4_029P_SC07-284138	Wax paper	Macmillan/McGraw-Hill	4.7_604
P5_UFC11_L4_031P_SC07-284138	Clear plastic wrap	Macmillan/McGraw-Hill	4.7_604
P5_UFC11_L4_030P_SC07-284138	Aluminum foil	Macmillan/McGraw-Hill	4.7_604
P5_UFC11_L4_032P_SC07-284138	Masking tape	Macmillan/McGraw-Hill	4.7_604
P5_UFC11_L3_INV_001P_SC07-284138	Hispanic boy constructing a friction ramp. Taping wax paper onto a piece of cardboard.	Macmillan/McGraw-Hill	4.7_604
P5_UFC11_L3_INV_002P_SC07-284138	Hispanic boy about to slide block down ramp.	Macmillan/McGraw-Hill	4.7_604
P5_UFC11_L4_033P_SC07-284138	Cardboard	Macmillan/McGraw-Hill	4.7_604
P5_UFC11_L4_034P_SC07-284138	Books	Macmillan/McGraw-Hill	4.7_604
P5_UFC11_L4_035P_SC07-284138	Ruler	Macmillan/McGraw-Hill	4.7_604
P5_UFC11_L4_036P_SC07-284138	Wooden block	Macmillan/McGraw-Hill	4.7_604
P5_UFC11_L3_INV_003P_SC07-284138	Multicolored bouncy ball	Ken Karp/Macmillan/McGraw-Hill	4.7_605
P6_UFC11_L1_ISA_001P_SC07-284139	Hyles gallii moth (CD - Butterflies and Insects)	Stockbyte	4.8_602

P6_UFC11_L1_ISA_003P-284139	Show a student holding a clip on an inflated balloon. The balloon is taped to a straw with a wire fed through it allowing for near frictionless travel of the balloon along the wire.	Ken Karp/Macmillan/McGraw-Hill	4.8_602
P6_UFC11_L1_ISA_002P_SC07-284139	Hand letting go of a balloon whose air has been let out zipping through the air - capture the moment the balloon is released	Ken Karp/Macmillan/McGraw-Hill	4.8_603
P5_UFC12_L1_001P_SC07-	Los Padres National Forest-Southern California	Marc Solomon/Getty Images	5.1_624-625
P5_UFC12_L1_002P_SC07-284138	Cooking (corn) oil - water and ice - plastic cups - graduated cylinder - thermometer	Macmillan/McGraw-Hill	5.1_625
P5_UFC12_L1_003P_SC07-284138	Hispanic Male measuring temperature in 1 of the 4 cups. Cups labeled: Ice Water - Ice Water - Water - Corn Oil. The ice water has no ice cubes in it.	Macmillan/McGraw-Hill	5.1_625
P5_UFC12_L1_004P_SC07-284138	Hispanic Male pouring contents of the Ice Water cup into the Water cup. The thermometer is gone.	Macmillan/McGraw-Hill	5.1_625
P5_UFC12_L1_006P_SC07-284138	Bowl of steamy soup	Kari Erik Marttila	5.2_627
P5_UFC12_L1_007P_SC07-284138	Winter	J. Schwanke/Alamy	5.2_627
P5_UFC12_L1_009P_SC07-284138	A thermogram of cars in a parking lot. The white car is hottest and just parked. The temperature range goes from hot (white) to cold (blue).	Ted Kinsman/Photo Researchers, Inc.	5.3_629
P5_UFC12_L1_019P_SC07-284138	Stone cutting Great Britain UK	Paul Felix Photography/Alamy	5.4_632

P5_UFC12_L1_015P_SC07-284138	Man checking engine of sports utility vehicle at roadside - side view - spaniel at front window. (DAL)	Digital Vision/PunchStock	5.4_632
P5_UFC12_L1_010P_SC07-284138	Clear close-up shot of metal - white hot in fire.	Photo by Bob Byrd	5.5_630
P5_UFC12_L1_014P_SC07-284138	Two cups with thermometers under a lamp. One is filled with sand - the other water. Labels. lamp should be centered over the cup.	Macmillan/McGraw-Hill	5.5_631
P5_UFC12_L1_013P_SC07-284138	Young woman standing with a bicycle drinking water from a bottle	Purestock/PunchStock	5.5_631
P5_UFC12_L1_FOLD_001P_SC07-284138-A	P/u and make following alterations: Add Ellipses after text in the first tab. The text should read: 'Heat is thermal energy flowing . . . ' The other components of the foldable should remain unchanged	Jacques Cornell/Macmillan/McGraw-Hill	5.6_633
P5_UFC12_L1_ISA_002P_SC07-284138	Caucasian male looking at thermometer in cup of water and holding a stop watch in other hand. Student should not be touching cup or thermometer.	Macmillan/McGraw-Hill	5.7_634
P5_UFC12_L1_ISA_001P_SC07-284138	Thermometer (CD - Medicine and Technology/OS43)	TRBfoto/Getty Images	5.7_635
P5_UFC12_L1_ISA_003P_SC07-284138	Kid drawn chart	Macmillan/McGraw-Hill	5.7_635
P5_UFC12_L2_001P_SC07-284138	Vapor on a F-14D Tomcat. An F-14D Tomcat in a conical cloud of vapor produced by the shock wave it creates as it breaks the sound barrier.	George Hall/CORBIS	6.1_636-637
P5_UFC12_L2_004P_SC07-284138	Step 2. Caucasian girl (same as L2_003P) plucking rubber band with hand on cup. Show girl's face	Macmillan/McGraw-Hill	6.1_637

P5_UFC12_L2_002P_SC0 7-284138	Wood or plastic ruler - length of cut rubber band - paper cup - toothpick - goggles - and clear tape.	Macmillan/McGraw-Hill	6.1_637
P5_UFC12_L2_003P_SC0 7-284138	Step 1. Caucasian girl assembling cup and ruler with rubber band. Hand shot or over the shoulder	Macmillan/McGraw-Hill	6.1_637
P5_UFC12_L2_005P_SC0 7-284138	Children practicing steel drums before the Notting Hill annual Carnival	Janine Wiedel Photolibrary/Alamy	6.2_638- 639
P5_UFC12_L2_007P_SC0 7-284138	Helicopters provide quick transportation from one point or place to another	Ilene MacDonald/Alamy	6.2_639
P5_UFC12_L2_009P_SC0 7-284138	Bottlenose dolphin (Tursiops truncatus) - Group underwater- Hawaii	Flip Nicklin/Minden Pictures	6.3_640
P5_UFC12_L2_008P_SC0 7-284138	Astronaut in Space (CD - Business and Industry/V01)	PhotoLink/Getty Images	6.3_640
P5_UFC12_L2_011P_SC0 7-284138	Simple hand-held radio for silo	Kari Erik Marttila	6.3_641
P5_UFC12_L2_010P_SC0 7-284138	Alabama Music Hall of Fame. Tuscumbia. Colbert County. Alabama. USA	Jeff Greenberg/age fotostock	6.3_641
P5_UFC12_L2_024P_SC0 7-284138	Greater horseshoe bat (Rhinolophus ferrumequinum) - Pursuing moth	Stephen Dalton/Minden Pictures	6.3_646
P6_UFC12_L1_012P_SC0 7-284139	Lightning strikes over mountains and water to demonstrate the concept of speed of sound.	nagelstock.com/Alamy	6.3_650
P5_UFC12_L2_012P_SC0 7-284138	Barking dog Gordes Vaucluse Provence Southern France May 2005	Matteo Del Grosso/Alamy	6.4_642
P5_UFC12_L2_019P_SC0 7-284138	Silo of large speaker or electric guitar and amp	Hemera Technologies/Alamy	6.4_644
P5_UFC12_L2_018P_SC0 7-284138	Silo of small computer speakers (CD - InfoMedia 3/OS41)	CMCD/Getty Images	6.4_644

P5_UFC12_L2_022P_SC07-284138	Multi-ethnic group of children plays at school playground in the afternoon - Santa Monica - CA	David Young-Wolff/PhotoEdit	6.4_645
P5_UFC12_L2_FOLD_001P_SC07-284138-A	The Text in the second column (middle) should be changed from 'sound waves may be transmitted . . . ' To 'Sounds waves may be . . . ' The text in the third column (right) should be changed from 'As the frequency of sound wave increases . . . ' TO ' as the frequency of a sound wave increases . . . ' The other components in the foldable should remain unchanged	Jacques Cornell/Macmillan/McGraw-Hill	6.5_647
P5_UDC07_L2_INV_007P_SC07-	Will change color to green to match setup shots	Macmillan/McGraw-Hill	6.6_648
P5_UFC12_L2_INV_006P_SC07-284138	Ruler	Macmillan/McGraw-Hill	6.6_648
P5_UFC12_L2_INV_004P_SC07-284138	Straws	Macmillan/McGraw-Hill	6.6_648
P5_UFC12_L2_INV_007P_SC07-284138	Masking tape	Macmillan/McGraw-Hill	6.6_648
P5_UFC12_L2_INV_003P_SC07-284138	Pan Flute (CD - Musical Instruments/OS34)	C Squared Studios/Getty Images	6.6_648
P5_UFC12_L2_INV_001P_SC07-284138	Caucasian female cutting fifth straw. The first 4 straws are 15cm - 14 cdm - 13 cm - and 12cm long. This straw will be 11 cm long.	Macmillan/McGraw-Hill	6.6_648
P5_UFC12_L2_INV_002P_SC07-284138	Same student blowing across straw instrument.	Macmillan/McGraw-Hill	6.6_648
P5_UFC12_L3_001P_SC07-284138	Coastal Rainforest Garibaldi Provincial Park British Columbia - Canada	J. A. Kraulis/Masterfile	7.1_650-651

P5_UFC12_L3_002P_SC0 7-284138	Flat mirror - two pencils - two erasers - masking tape - protractor	Macmillan/McGraw-Hill	7.1_651
P5_UFC12_L3_004P_SC0 7-284138	Hispanic girl (same as L3_003P) looking at pencil in mirror at eye level. 3/4 over the shoulder shot	Macmillan/McGraw-Hill	7.1_651
P5_UFC12_L3_003P_SC0 7-284138	Hispanic girl laying down tape to form ∠T∠. Mirror and pencils stabbed into erasers are visible.	Macmillan/McGraw-Hill	7.1_651
P5_UFC12_L3_005P_SC0 7-284138	Golden sunrise	Brand X Pictures/PunchStock	7.2_652
P5_UFC12_L3_007P_SC0 7-284138	Close up of a gerbera daisy (CD - Flowers)	Stockdisc/PunchStock	7.2_653
P5_UFC12_L3_008P_SC0 7-284138	Caucasian boy holding up opaque - translucent and transparent poster in front of face. Face is revealed as poster becomes transparent.	Macmillan/McGraw-Hill	7.3_654
P5_UFC12_L3_010P_SC0 7-284138	Caucasian boy holding transparent board	Macmillan/McGraw-Hill	7.3_654
P5_UFC12_L3_009P_SC0 7-284138	Caucasian boy holding translucent board	Macmillan/McGraw-Hill	7.3_654
P5_UFC12_L3_011P_SC0 7-284138	Davis Cup 2003 - Spain vs. Australia - Final.	Jack Atley/Reuters/CORBIS	7.3_655
P5_UFC12_L3_014P_SC0 7-284138	Young girl looking in crazy mirror (CD - Family Day Out)	BananaStock/PunchStock	7.3_656
P5_UFC12_L3_016P_SC0 7-284138	The eye chart	Joe Bator/CORBIS	7.3_657
P5_UFC12_L3_031P_SC0 7-284138	Pencil in a beaker of water apparently broken due to the refraction of light	Leslie Garland Picture Library/Alamy	7.3_657
P5_UFC12_L3_019P_SC0 7-284138	Close-up of a red bell pepper (CD - Essential Produce)	Stockdisc/PunchStock	7.4_658
P5_UFC12_L3_020P_SC0 7-284138	Water bottle	CORBIS/PunchStock	7.4_658
P5_UFC12_L3_018P_SC0 7-284138	White light through prism equals colors	Getty Images	7.4_658

P5_UFC12_L3_017P_SC07-284138	Double Rainbow over Forest (CD-Panoramic Views/SS28)	Robert Glusic/Getty Images	7.4_658
P5_UFC12_L3_025P_SC07-284138	A Color wheel attached to a pencil via a thumb tack in the eraser. To be siloꝑd.	Macmillan/McGraw-Hill	7.4_659
P5_UFC12_L3_FOLD_001P_SC07-284138	1. Main Idea 2. What I learned... 3. Sketches 4. Light travels as... 5. Light reflects off of... 6. The color of light depends on...	Jacques Cornell/Macmillan/McGraw-Hill	7.5_661
P5_UFC12_L3_WIS_002P_SC07-284138	Mature man using laser tape measure on stairs	Digital Vision/PunchStock	7.6_662
P5_UFC12_L3_WIS_001P_SC07-284138	Lasers at Turnmills nightclub London	Everynight Images/Alamy	7.6_662
P5_UFC12_L3_MIS_002P_SC07-284138	Centennial Fountain Peterborough - Ontario Canada	Rommel/Masterfile	7.7_663
P5_UFC12_L3_MIS_003P_SC07-284138	Kid art of bar graph	Macmillan/McGraw-Hill	7.7_663
P3_UFC12_L4_001P_SC07-284136	A thunderstorm over Seattle showing electricity in the lightning as well as the lit-up buildings (CD - Environmental Concerns/V31)	R. Morely/PhotoLink/Getty Images	8.1_510-511
P3_PM_UFC12_L4_001P_SC07-284136	D-cell battery	Macmillan/McGraw-Hill	8.1_511
P3_UFC12_L4_002P_SC07-284136	Light bulb (small)	Macmillan/McGraw-Hill	8.1_511
P3_UFC12_L4_003P_SC07-284136	A 9-year old Hispanic girl building a circuit using a piece of wire, a D-cell battery, and a light bulb	Joe Polillio/Macmillan/McGraw-Hill	8.1_511
P3_PM_UFC12_L4_002P_SC07-284136	Wire on a Spool	Macmillan/McGraw-Hill	8.1_511
P3_UFC12_L4_002P_SC07-284136	A D-cell batter, a piece of insulated wire, and a light bulb	Joe Polillio/Macmillan/McGraw-Hill	8.1_511
P3_UFC12_L4_021P_SC07-284136	Student-drawn art of an incorrect circuit set-up on notebook paper	Macmillan/McGraw-Hill	8.1_511

P5_UFC12_L4_001P_SC0 7-284138	Theater of electricity lightning Van de Graaff generator	Matthew Card Photography/photographersdirect.com	8.2_664- 665
P5_UFC12_L4_002P_SC0 7-284138	Three 1.5 volt light bulbs and stands - three switches - 1.5 volt battery - three 1.5 volt batteries and stands - insulated wire with stripped leads	Macmillan/McGraw-Hill	8.2_665
P5_UFC12_L4_004P_SC0 7-284138	A complete circuit assembled with African American boy about to throw the switch	Macmillan/McGraw-Hill	8.2_665
P5_UFC12_L4_005P_SC0 7-284138	Bolt of lightning hitting the ground (CD - Forces of Nature)	Stockbyte/PunchStock	8.3_666
P5_UFC12_L4_007P_SC0 7-284138	Balloons	Ken Cavanaugh/Macmillan/ McGraw-Hill	8.3_667
P5_UFC12_L4_012P_SC0 7-284138	Battery - light bulb - and switch connected in a loop circuit.	Macmillan/McGraw-Hill	8.4_669
P5_UFC12_L4_011P_SC0 7-284138	Garden hose with water pouring out (CD- Pure H2O/X-231)	Brand X Pictures/PunchStock	8.4_669
P5_UFC12_L4_014P_SC0 7-284138-A	As the photo is now, wires are touching, but will not transfer electricity because they are covered in plastic. Photo needs to show exposed wire in section indicated in go-by. Copy section of wire indicated and place where indicated in go-by. The new wires will form a perpendicular arrangement. The red sections of the image (below) will need to look like bare wire. Complex	Macmillan/McGraw-Hill	8.4_670
P5_UFC12_L4_013P_SC0 7-284138	Series circuit of battery - switch - and three light bulbs.	Macmillan/McGraw-Hill	8.4_670

P5_UFC12_L4_016P_SC07-284138	Frayed wire in semi-circular arrangement. Fray should be at upper right side of wire.	Macmillan/McGraw-Hill	8.4_671
P5_UFC12_L5_012P_SC07-284138	Coil of copper wire from science kit. 25 loops. Will be siloꝑd	Macmillan/McGraw-Hill	8.5_681
P5_UFC12_L5_017P_SC07-284138	Power lines with transformer	Photo by Bob Byrd	8.6_682
P5_UFC12_L5_016P_SC07-284138	Generator at Bonneville Dam (CD - Energy Issues)	CORBIS	8.6_683
P5_UFC12_L4_FOLD_001P_SC07-284138	1. Static electricity is... 2. Electric current is... 3. Electricity flows in either...	Jacques Cornell/Macmillan/McGraw-Hill	8.7_673
P5_UFC12_L4_RIS_003P_SC07-284138	Count Alessandro Volta (1745-1827). Italian physicist. Wood engraving - 19th century.	The Granger Collection, NY	8.8_674
P5_UFC12_L4_RIS_004P_SC07-284138	Portrait of French physicist Gaston Plante (1834-1889) inventor of the first practical storage battery.	Bettmann/CORBIS	8.8_674
P5_UFC12_L4_RIS_002P_SC07-284138	Engraved by H. B. Hall from the original picture in Passel painted from life by J.A. Duplessis in 1783 - and now (1868) in the possession of John Bigelow Esq.	Library of Congress	8.8_674
P5_UFC12_L4_RIS_006P_SC07-284138	Girl with Pigtails Using Laptop	M. Thomsen/zefa/CORBIS	8.8_675
P5_UFC12_L4_RIS_005P_SC07-284138	Lew Urry poses in front of the display lobby of the Eveready Battery Company here in Ohio - Tuesday - Aug. 24.	Ron Kuntz/AP Images	8.8_675
P5_UF_CAR_001P_SC07-284138	Mexico Sonora Hermosillo Adding liquids to motor at final assembly in chassis station at Ford s auto factory in Hermosillo	Danita Delimont/Alamy	9_690
P5_UF_CAR_002P_SC07-284138	Aerospace manufacturing	John Madere/CORBIS	9_690