

Macmillan/McGraw–Hill
A Closer Look

CORRELATION TO THE MISSISSIPPI CURRICULUM FRAMEWORKS

SCIENCE
KINDERGARTEN

INQUIRY

1. Ask questions and find answers by scientific investigation.	
Objectives	Annotated Teacher Edition Page References
a. Demonstrate an understanding of a simple investigation by asking questions. (DOK 2)	24F, 116, 150, 161
b. Compare, sort, and group objects according to size, shape, color, and texture. (DOK 2)	12, 13, 45, 47, 52, 53, 136, 196, 202, 216, 219, 222, 254
c. Identify simple tools (rulers, thermometers, scales, and hand lenses) used to gather information. (DOK 1)	76, 82, 105, 110, 130, 136, 139, 231, TR7–TR8 (Science Handbook)
d. Recognize that people have always had questions about their world and identify science as one way of answering questions and explaining the natural world. (DOK 1)	4, 88, 116
e. Describe ideas using drawings and oral expression. (DOK 2)	30, 38, 44, 58, 68, 76, 82, 88, 96, 102, 110, 116, 130, 136, 144, 150, 164, 176, 188, 196, 216, 222, 228, 236, 246, 254, 260, 266, 272
f. Recognize that when a science investigation is done the way it was done before, very similar results are expected. (DOK 1)	254, 260

PHYSICAL SCIENCE

2. Identify properties of objects and materials, position and motion of objects, and properties of magnetism.	
Objectives	Annotated Teacher Edition Page References
a. Classify properties of objects and materials according to their observable characteristics. (DOK 2)	212–217, 218–223, 224–229, 230–237
• Materials (e.g., wood, paper, plastic, metal)	212–217, 218–223, 224–229
• Matter (solid or liquid)	230–237
• Objects that sink or float in water	223, 230–237
b. Differentiate what happens to water left in an open container (disappears) and water left in a closed container (remains). (DOK 1)	230–237
c. Compare types of forces and motion. (DOK 1)	248–255
• External motion of objects (e.g., straight–line, circular, back–and–forth, rotational)	240F, 242–247, 248–255
• Internal motion of objects (e.g., bending, stretching)	252–255
d. Compare the interaction between two magnets and the interaction between magnets and other objects (e.g., iron, other metals, wood, water). (DOK 1)	268–273

LIFE SCIENCE

3. Understand characteristics, structures, life cycles, and environments of organisms.

Objectives	Annotated Teacher Edition Page References
a. Group animals and plants by their physical features (e.g., size, appearance, color). (DOK 2)	26–31, 41, 46–53, 78–83, 84–89, 90–97, 98–103
b. Compare and contrast physical characteristics of humans. (DOK1)	10–13, TR10 (Health Handbook)
<ul style="list-style-type: none"> • The five senses (sight, smell, touch, taste, hearing) and corresponding body parts 	10–13, TR10 (Health Handbook)
<ul style="list-style-type: none"> • The six major body organs (brain, skin, heart, lungs, stomach, intestines). 	TR10 (Health Handbook)
c. Classify parts of the human body that help it seek, find, and take in food when it feels hunger. (DOK 1)	10–12, TR10 (Health Handbook)
<ul style="list-style-type: none"> • Eyes and nose for detecting food 	10–12, TR10 (Health Handbook)
<ul style="list-style-type: none"> • Legs to get it 	TR10 (Health Handbook)
<ul style="list-style-type: none"> • Arms to carry it away 	TR10 (Health Handbook)
<ul style="list-style-type: none"> • Mouth to eat it 	10–12, TR10 (Health Handbook)
d. Identify offspring that resemble their parents. (DOK 1)	104–111
e. Recognize and compare the differences between living organisms and non-living materials. (DOK 2)	32–39, 70–77

EARTH AND SPACE SCIENCE

4. Understand properties of Earth materials, objects in the sky, and changes in Earth and sky.	
Objectives	Annotated Teacher Edition Page References
a. Sort, separate, and classify Earth materials (e.g., clay, silt, sand, pebbles, gravel) using various strategies. (DOK 2)	126–131, 132–137
b. Identify and describe properties of Earth materials (soil, rocks, water, and air). (DOK 1)	126–131, 132–137, 146–151, 152–159
c. Collect and display local weather data. (DOK 2)	4–7, 168F, 182
d. Describe ways to conserve water. (DOK 2)	158
e. Describe the effects of the sun on living and non–living things. (DOK 1)	32–39, 154, 184–189
<ul style="list-style-type: none"> • Warms the land, air, and water 	186–187
<ul style="list-style-type: none"> • Helps plants grow 	32, 34, 35, 37, 38, 43, 44
f. Identify the sun as Earth’s source of light and heat and describe changes in shadows over time. (DOK 2)	190–197, 198–203