

Tennessee Standards/Competencies for ***Back the Brookie***

Complied by Kathy DeWein

Project WET Tennessee (Water Education for Teachers)

Austin Peay State University

<http://www.apsu.edu/wet/>

Kindergarten

Standard 2: Interdependence GLE 0007.2.1

Standard 3: Flow of Matter and Energy GLE 0007.3.1

Standard 4: Heredity GLE 0007.4.1, GLE 0007.4.2

Standard 5: Biodiversity and Change GLE 0007.5.1

Standard 9: Matter GLE 0007.9.2

Standard 10: Energy GLE 0007.10.2

1st Grade

Standard 2: Interdependence GLE 0107.2.1

Standard 3: Flow of Matter and Energy GLE 0107.3.1

Standard 4: Heredity GLE 0107.4.1, GLE 0107.4.2

Standard 5: Biodiversity and Change GLE 0107.5.2

Standard 9: Matter GLE 0107.9.2

Standard 10: Energy GLE 0107.10.1

2nd Grade

Standard 1: Cells GLE 0207.1.1

Standard 2: Interdependence GLE 0207.2.1, GLE 0207.2.2, GLE 0207.2.3

Standard 3: Flow of Matter and Energy GLE 0207.3.1

Standard 4: Heredity GLE 0207.4.1, GLE 0207.4.2

Standard 5: Biodiversity and Change GLE 0207.5.1, GLE 0207.5.2

Standard 9: Matter GLE 0207.9.2

Standard 10: Energy GLE 0207.10.1

3rd Grade

Standard 2: Interdependence GLE 0307.2.1, GLE 0307.2.2

Standard 3: Flow of Matter and Energy GLE0307.3.1

Standard 4: Heredity GLE 0307.4.1

Standard 5: Biodiversity and Change GLE 0307.5.1, GLE 0307.5.2

Standard 7: Earth GLE 0307.7.4

4th Grade

Standard 2: Interdependence GLE 0407.2.1

Standard 3: Flow of Energy GLE 0407.3.2

Standard 4: Heredity GLE 0407.4.1, GLE 0407.4.2

Standard 5: Biodiversity and Change GLE 0407.5.1, GLE 0407.5.2

Standard 7: The Earth GLE 0407.7.1

Standard 8: The Atmosphere GLE 0407.8.1

Standard 9: Matter GLE 0407.9.2

5th Grade

Standard 2: Interdependence GLE 0507.2.1, GLE 0507.2.2, GLE 0507.2.3

Standard 3: Flow of Matter and Energy GLE 0507.3.1

Standard 5: Biodiversity and Change GLE 0507.5.1, GLE 0507.5.2

Standard 8: The Atmosphere GLE 0507.8.1

Standard 10: Energy GLE 0507.10.2

6th Grade

Standard 2: Interdependence GLE 0607.2.1, GLE 0607.2.2, GLE 0607.2.3, GLE 0607.2.4

7th Grade

Standard 3: Flow of Energy GLE 0707.3.2

Standard : Heredity GLE 0707.4.1

8th Grade

Standard 5: Biodiversity and Change GLE 0807.5.3, GLE 0807.5.4, GLE 0807.5.5

Standard 9: Matter GLE 0807.9.9

Biology I

Embedded Inquiry: CLE 3210.Inq. 4

Embedded Technology and Engineering: CLE 3210.T/E.4

Embedded Mathematics: CLE 3210.Math.1

Standard 2: Interdependence CLE 3210.2.1, CLE 3210.2.3

Standard 3: Flow of Matter and Energy CLE 3210.3.1

Standard 4: Heredity CLE 3210.4.7

Standard 5: Biodiversity and Change CLE 3210.5.1, CLE 3210.5.3, CLE 3210.5.6

Earth Science

Standard 2: Energy in the Earth System CLE 3204.2.3

Standard 3: Cycles in the Earth System CLE 3204.3.1, CLE 3204.3.3, CLE 3204.3.6

Standard 4: Geologic History CLE 3204.4.4

Ecology

Standard 1: Individuals CLE 3255.1.2, CLE 3255.1.3, CLE 3255.1.4

Standard 2: Populations CLE 3255.2.1, CLE 3255.2.3

Standard 3: Communities CLE 3255.3.1, CLE 3255.3.2, CLE 3255.3.3, CLE 3255.3.4

Standard 4: Ecosystems CLE 3255.4.1, CLE 3255.4.2, CLE 3255.4.4, CLE 3255.4.5

Standard 5: Biomes CLE 3255.5.2, CLE 3255.5.3, CLE 3255.5.4, CLE 3255.5.5

Standard 6: Humans and Sustainability CLE 3255.6.2, CLE 3255.6.3, CLE 3255.6.4

Environmental Science

Standard 1: Earth System CLE 3260.1.3, CLE 3260.1.4

Standard 2: The Living World CLE 3260.2.1, CLE 3260.2.2, CLE 3260.2.3, CLE 3260.2.5

Standard 4: Water and Land Resources CLE 3260.4.1, CLE 3260.4.2, CLE 3260.4.3, CLE 3260.4.4

Standard 5: Energy Resources and Consumption CLE 3260.5.2

Standard 6: Waste Production and Pollution CLE 3260.6.1

Geology

Standard 2: Matter and Minerals CLE 3205.2.3

Standard 4: Geologic History CLE 3205.4.4, CLE 3205.4.6

Standard 5: Plate Tectonics CLE 3205.5.1

Standard 6: Landforms CLE 3205.6.1, CLE 3205.6.2

Physical Science

Standard 1: Matter CLE 3202.1.10