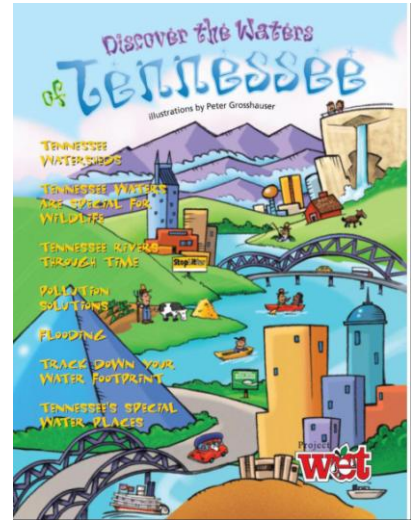


Discover the Waters of Tennessee

5th GRADE

“Tennessee Watersheds” pages 2, 3



SCIENCE

Embedded Inquiry	GLE 0507.Inq.1 Explore different scientific phenomena by asking questions, making logical predictions, planning investigations, and recording data
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“Tennessee Waters are Special for Wildlife” pages 4, 5

SCIENCE	
Embedded Inquiry	GLE 0507.Inq.1 Explore different scientific phenomena by asking questions, making logical predictions, planning investigations, and recording data
Life Science - Interdependence	<p>GLE 0507.2.1 Investigate different nutritional relationships among organisms in an ecosystem</p> <p>GLE 0507.2.2 Explain how organisms interact through symbiotic, commensal, and parasitic</p> <p><input checked="" type="checkbox"/> 0507.2.1 Evaluate producer/consumer, predator/prey, and parasite/host relationships</p> <p><input checked="" type="checkbox"/> 0507.2.2 Classify interspecific relationships within an ecosystem as mutualism, commensalism, or parasitism</p> <p><input checked="" type="checkbox"/> 0507.2.3 Create a simple model illustrating the interspecific relationships within an ecosystem</p> <p>SPI 0507.2.1 Describe the different types of nutritional relationships that exist among organisms</p>
Life Science – Biodiversity and Change	<p>GLE 0507.5.1 Investigate physical characteristics associated with different groups of animals</p> <p><input checked="" type="checkbox"/> 0507.5.2 Design a model to illustrate how an animal’s physical characteristics enable it to survive in a particular environment</p> <p>SPI 0507.5.1 Identify physical and behavioral adaptations that enable animals such as, amphibians, reptiles, birds, fish, and animals to survive in a particular environment</p>

“Tennessee Rivers through Time” pages 6, 7

SCIENCE	
Life Science - Interdependence	GLE 0507.2.2 Explain how organisms interact through symbiotic, commensal, and parasitic SPI 0507.2.3 Use information about the impact of human actions or natural disasters on the environment to support a simple hypothesis, make a prediction, or draw a conclusion
Life Science – Biodiversity and Change	GLE 0507.5.2 Analyze fossils to demonstrate the connection between organisms and environments that existed in the past and those that currently exist <input checked="" type="checkbox"/> 0507.5.3 Identify the processes associated with fossil formation <input checked="" type="checkbox"/> 0507.5.4 Use fossil evidence to describe an environment from the past <input checked="" type="checkbox"/> 0507.5.5 Use fossils to match a previously existing organism with one that exists today

“Pollution Solution” pages 8, 9

SCIENCE	
Embedded Inquiry	GLE 0507.Inq.1 Explore different scientific phenomena by asking questions, making logical predictions, planning investigations, and recording data

“Flooding” pages 10, 11

SCIENCE	
Embedded Inquiry	<p>GLE 0507.Inq.4. Identify and interpret simple patterns of evidence to communicate the findings of multiple investigations</p> <p><input checked="" type="checkbox"/> 0507.Inq.4 Analyze and communicate findings from multiple investigations of similar phenomena to reach a conclusion</p> <p>SPI 0507.Inq.1 Select an investigation that could be used to answer a specific question</p>
Life Science – Interdependence	<p>GLE 0507.2.3 Establish The connections between human activities and natural disasters and their impact on the environment</p> <p><input checked="" type="checkbox"/> 0507.2.5 Create a poster to illustrate how human activities and natural disasters affect the environment</p> <p>SPI 0507.2.3 Use information about the impact of human actions or natural disasters on the environment to support a simple hypothesis, make a prediction, or draw a conclusion</p>
Life Science – Biodiversity and Change	<p>GLE 0507.5.2 Analyze fossils to demonstrate the connection between organisms and environments that existed in the past and those that currently exist</p>
MATH	
Strand 19: Tables, Graphs and Charts	<p>A. Identify correct information from tables, bar graphs, pictographs, and charts</p> <p>B. Create bar graphs and pictographs from data in tables and charts</p>
Strand 20: Statistics and Data Analysis	<p>A. Drop reasonable conclusions from data in tables, bar graphs, pictographs, circle graphs and charts</p> <p>B. State a conclusion and explain why a claim is or is not reasonable, based on the data</p>

“Track Down Your Water Footprint” pages 12, 13

SCIENCE	
Embedded Inquiry	<p>GLE 0507.Inq.1 Explore different scientific phenomena by asking questions, making logical predictions, planning investigations, and recording data</p> <p>GLE 0507.Inq.3 Organize data into appropriate tables, graphs, drawings or diagrams</p> <p><input checked="" type="checkbox"/>0507.Inq.1 Identify specific investigations that could be used to answer a particular question and identify reasons for this choice</p> <p>SPI 0507.Inq.1 Select an investigation that could be used to answer a specific question</p>
MATH	
Strand 19: Tables, Graphs and Charts	<p>A. Identify correct information from tables, bar graphs, pictographs, and charts</p> <p>B. Create bar graphs and pictographs from data in tables and charts</p>
Strand 20: Statistics and Data Analysis	<p>A. Draw reasonable conclusions from data in tables, bar graphs, pictographs, circle graphs and charts</p> <p>B. State a conclusion and explain why a claim is or is not reasonable, based on the data</p>

Please: share your feedback and reward your class with a Certificate of Completion!!



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