



# NC Soil & Water Conservation Contest Standards Alignment

## Correlated by Curriculum Specialists – June 2019

### 5<sup>th</sup> Grade

#### Wetlands Are Wonderful – 2019-2020

Subject	NC Essential Standard(s)
Visual Arts	5.V.3.2 Use appropriate media for the creation of original art.
	5.V.1.5 Apply the Principles of Design in creating compositions.
	5.V.3.3 Create art using the processes of drawing, painting, weaving, printing, stitchery, collage, mixed media, sculpture, ceramics, and current technology.
	5.CX.2.2 Apply skills and concepts learned in other disciplines, such as math, science, language arts, social studies, and other arts in the visual arts.
Science	5.L.2.1 Compare characteristics of several common ecosystems, including estuaries and salt marshes, oceans, lakes and ponds, forests, and grasslands.
	5.L.2.2 Classify the organisms within an ecosystem according to the function they serve: producers, consumers, or decomposers (biotic factors).
	5.L.2.3 Infer the effects that may result from the interconnected relationship of plants and animals to their ecosystem.
	5.P.2.1 Explain how the sun's energy impacts the processes of the water cycle (including evaporation, transpiration, condensation, precipitation, and runoff).
ELA	W.5.5 Conduct short research projects that use several sources to build knowledge through investigation of different aspects of a topic.
	L.5.2 Demonstrate command of the conventions of standard English capitalization, punctuation, and spelling when writing; demonstrate proficiency within the 4-5 conventions continuum.
Social Studies	5.G.1.2 Explain the positive and negative effects of human activity on the physical environment of the United States, past and present.



## **NC Soil & Water Conservation Contest Standards Alignment Correlated by Curriculum Specialists – June 2019 6<sup>th</sup>-8<sup>th</sup> Grade**

### **Wetlands Are Wonderful – 2019-2020**

Correlation to NC Essential Science Standards and Common Core Standards

- 6.E.2.4 Conclude that the good health of humans requires: monitoring the lithosphere, maintaining soil quality and stewardship
- 6.L.1.2 Explain the significance of the process of photosynthesis, respiration, and transpiration to the survival of green plants and other organisms
- 6.L.2.3 Summarize how the abiotic factors (such as temperature, water, sunlight and soil quality) of biomes (freshwater, marine, forests, grasslands, deserts, Tundra) affect the ability of organisms to grow, survive and/or create their own food through photosynthesis.
  
- 7.E.1.2 Explain how the cycling of water in and out of the atmosphere and atmospheric conditions relate to the weather patterns on earth
- 7.E.1.6 Conclude that good health of humans requires: Monitoring the atmosphere, maintaining air quality and stewardship
  
- 8.E.1.1 Explain the structure of the hydrosphere including: water distribution on earth; local river basins and water availability
- 8.E.1.4 Conclude that the good health of humans requires: monitoring of the hydrosphere; water quality standards; methods of water treatment; maintaining safe water quality; stewardship
- 8.L.3 Understand how organisms interact with and respond to the biotic and abiotic components of their environment.



**NC Soil & Water Conservation Contest Standards Alignment**  
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**9<sup>th</sup> Grade**

**Wetlands Are Wonderful – 2019-2020**

Correlation to NC Essential Science Standards and Common Core Standards

**CCSS.ELA – LITERACY**

Common Core Literacy Standards with focus on speaking and listening, informational text and writing.

**CCSS.ELA – History/Social Studies**

Common Core History/Social Studies 6-8, focus on integration of knowledge and ideas, key ideas and details

**CCSS.ELA – Science and Technical Subjects**

Common Core Science and Technical Subjects 6-8, Focus on Integration of Knowledge and ideas