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# WNC

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RESTORATION & RESILIENCE





# WVNC

 **ORANGESKY**  
STUDENT TRAVEL



## WEATHER

### GREEN RIVER FLOOD TOUR

DISCOVER HOW 1,000 YEARS OF NATURAL EROSION OCCURRED IN JUST ONE DAY, RESHAPING THE LANDSCAPE.

Deepen students understanding of the **science behind extreme weather events** and explore how storms like Helene develop. Along the way, participants will hear **real-life stories of resilience**, learning how communities faced adversity, rebuilt, and adapted to change. Students will also witness **restoration in progress**, visiting areas where recovery efforts are underway and exploring sustainable practices that support healing the environment. This program is designed to both **educate and inspire**. By connecting classroom science with real-world examples, students will witness firsthand the importance of community resilience and gain a deeper appreciation for the delicate balance between humans and nature.



# WVNC

 RANGESKY  
STUDENT TRAVEL



## SCIENCE

## ELLABERRY LLAMA FARM

WHERE LEARNING AND LAUGHTER GROWS

At Ellaberry Llama Farm, students will step into the world of animal science with hands-on experiences that are both educational and fun. They'll learn fascinating facts about llamas—their care, behavior, and the many ways their soft fibers are used in textiles. The adventure continues as students guide a llama through an obstacle course, practicing teamwork and building confidence along the way. To top it off, everyone will have the chance to snap some memorable photos with these gentle, curious animals, creating an unforgettable blend of science, discovery, and fun.



# WVNC

 **ORANGESKY**  
STUDENT TRAVEL



## CULTURE

### Honeysuckle Holler LINE DANCING WORKSHOP

At Honeysuckle Holler, students will step into the joy of a line dancing workshop blending culture, music, movement, and teamwork. Guided by experienced instructors, they'll learn the steps to both classic and modern line dances, experiencing firsthand a fun tradition that is part of Southern cultural heritage. Along the way, students practice listening skills, rhythm, coordination, and group cooperation—important life skills that carry over into the classroom. This experience directly supports state standards in multiple areas including P.E., Music and Arts standards, and even Social Studies, promoting understanding of regional traditions, communities, and cultural history.



## STANDARDS

# SOUTH CAROLINA 3RD GRADE CONNECTIONS

### Green River Flood Restoration & Resilience Tour

This experience connects to **3rd Grade Science Standards on Earth Systems and Weather** (3.E.4, 3.E.5). Students will see how forces such as water shape the land over time, understanding concepts of erosion and rapid landscape change. The tour also ties into **Social Studies Standards** (3.H.2, 3.G.2) by showing how communities respond to natural events and build resilience. By linking scientific processes to current events, students gain a deeper appreciation for the interconnectedness of people and the environment.

### Honeysuckle Holler: Line Dancing Workshop

The line dancing workshop connects to **3rd Grade Physical Education Standards** (Standard 1: Motor Skills and Movement Patterns) by helping students develop coordination, rhythm, and spatial awareness. It also addresses **Music Standards** (3.MD: Demonstrate understanding of rhythm, tempo, and patterns in music) as students learn how movement responds to sound. In **Social Studies** (3.C.1), it highlights cultural traditions, giving students an appreciation of regional heritage while promoting teamwork and active participation.

### Ellaberry Llama Farm: Animal Science & Adventure

This program supports **3rd Grade Science Standards in Life Science** (3.L.5, 3.L.6) as students explore the needs of animals, their adaptations, and their usefulness to humans. It also integrates **Agricultural Literacy** by showing how llama fibers are transformed into textiles, linking science to real-world applications. The llama obstacle course reinforces **Physical Education Standards** (Standard 5: Personal and Social Responsibility) through teamwork, cooperation, and respect for living things. The photo-op and guided activities also connect to **ELA Standards** (3.C.1, communication and presentation skills), as students reflect on and share what they've learned.



## STANDARDS

# SOUTH CAROLINA 4TH GRADE CONNECTIONS

### Green River Flood Restoration & Resilience Tour

This tour connects directly to **4th Grade Science Standards on Earth's Processes and Weather** (4.E.2, 4.E.3). Students explore how weathering and erosion shape the land, as well as how extreme weather events can rapidly alter environments. It also ties into **Social Studies Standards** (4.G.2, 4.E.1) by examining how natural events affect communities, economies, and regional development. Students gain firsthand insight into how people adapt to and recover from natural challenges, making abstract concepts tangible through real-world observation.

### Honeysuckle Holler: Line Dancing Workshop

The line dancing experience reinforces **4th Grade Physical Education Standards** (Standard 1: Demonstrate competency in motor skills; Standard 5: Exhibit responsible personal and social behavior) by engaging students in rhythm, coordination, and cooperative movement. It also supports **Music Standards** (4.MD: Understanding of rhythm, tempo, and meter) as students learn how dance reflects musical patterns. In **Social Studies Standards** (4.C.1, 4.H.3), it ties into the exploration of cultural traditions, community identity, and the role of the arts in society. Students practice teamwork while connecting to regional heritage in an engaging, active way.

### Ellaberry Llama Farm: Animal Science & Adventure

This program supports **4th Grade Science Standards in Life Science** (4.L.5, 4.L.6), where students examine animal adaptations, behaviors, and how humans use natural resources responsibly. Learning about llama fibers and their applications highlights the relationship between science, agriculture, and technology. The obstacle course reinforces **Physical Education Standards** (Standard 3: Demonstrating knowledge of movement concepts and principles), while the interactive activities align with **ELA Standards** (4.C.1: Communication and Collaboration), encouraging students to describe their learning experiences, ask questions, and reflect through speaking or writing.



## STANDARDS

# SOUTH CAROLINA 5TH GRADE CONNECTIONS

### Green River Flood Restoration & Resilience Tour

This experience supports **5th Grade Science Standards in Earth Systems** (5.E.3, 5.E.4), as students investigate the role of weathering, erosion, and deposition in shaping Earth's surface and examine how extreme weather events impact the environment. The tour also connects to **Social Studies Standards** (5.G.1, 5.E.1) by highlighting how geography and natural disasters influence human settlement, migration, and economic activity. Students gain perspective on how science, history, and human resilience are deeply interconnected, making natural processes relevant to their own communities.

### Honeysuckle Holler: Line Dancing Workshop

The line dancing workshop reinforces **5th Grade Physical Education Standards** (Standard 1: Apply motor skills and movement patterns; Standard 5: Demonstrate responsible behavior in physical activities) by teaching coordination, rhythm, and group participation. It ties to **Music Standards** (5.MD: Understanding rhythm, tempo, and form) by showing how music drives movement and pattern recognition. Through **Social Studies Standards** (5.C.1, 5.H.2), the workshop highlights cultural heritage and traditions, connecting students to the social and historical role of dance in community life.

### Ellaberry Llama Farm: Animal Science & Adventure

This program aligns with **5th Grade Science Standards in Life Science** (5.L.3, 5.L.4), where students study animal structures, functions, and adaptations that help organisms survive. Exploring llamas' usefulness and fiber production connects science to technology and human resourcefulness. The obstacle course experience supports **Physical Education Standards** (Standard 3: Apply knowledge of movement principles and strategies) by challenging students to apply teamwork and problem-solving. It also connects to **ELA Standards** (5.C.1: Communication and Inquiry), as students engage in discussions, share observations, and reflect on their learning in both written and verbal formats.



## STANDARDS

# SOUTH CAROLINA 6TH GRADE CONNECTIONS

### **Green River Flood Restoration & Resilience Tour**

This tour aligns with **6th Grade Science Standards in Earth Science** (6.E.2, 6.E.3), as students explore how forces such as weathering, erosion, and deposition shape Earth's landforms. Seeing how massive erosion occurred in just one day provides a powerful case study of rapid geological change. It also supports **Social Studies Standards** (6.G.1, 6.H.2), encouraging students to examine how geography and natural events impact human societies, economies, and cultural resilience. The experience connects science with social awareness, deepening students' understanding of the relationship between people and the environment.

### **Honeysuckle Holler: Line Dancing Workshop**

The line dancing workshop supports **6th Grade Physical Education Standards** (Standard 1: Demonstrate competency in motor skills; Standard 4: Exhibit responsible personal and social behavior) by promoting movement, coordination, and cooperation. It also reinforces **Music Standards** (6.MD: Analyzing and performing rhythm and form in music) as students connect movement to musical structure. Through **Social Studies Standards** (6.C.1, 6.H.1), students examine cultural traditions and the role of the arts in community life, tying dance to heritage and history. The activity provides a social, active, and cultural learning experience that blends physical skills with academic content.

### **Ellaberry Llama Farm: Animal Science & Adventure**

This program connects with **6th Grade Science Standards in Life Science** (6.L.4, 6.L.5), where students investigate the structures, behaviors, and adaptations of organisms that enable survival in specific environments. Learning about llamas' usefulness and fibers links biology to agricultural and technological applications. The obstacle course experience supports **Physical Education Standards** (Standard 3: Apply knowledge of movement concepts and strategies) by promoting problem-solving and teamwork in a physical setting. It also ties into **ELA Standards** (6.C.1: Communication and Collaboration), as students share their observations, ask inquiry-based questions, and reflect on their experiences in speaking or writing.



## STANDARDS

# SOUTH CAROLINA 7TH GRADE CONNECTIONS

### **Green River Flood Restoration & Resilience Tour**

The Green River tour aligns with **7th Grade Science Standards in Earth Science** (7.E.1, 7.E.2), which focus on weather, climate, and Earth's surface processes.

Students see how erosion, deposition, and flooding reshape landscapes and compare short-term natural events with long-term geological change. This trip also supports **Social Studies Standards** (7.G.1, 7.H.2), exploring how geography and extreme natural events affect human activity, settlement, and cultural resilience. Students gain a deeper appreciation of the science-human connection by examining restoration efforts and community responses to natural disasters.

### **Honeysuckle Holler: Line Dancing Workshop**

This workshop supports **7th Grade Physical Education Standards** (Standard 1: Demonstrate competency in movement skills; Standard 5: Exhibit responsible behavior in group activities) by helping students refine coordination, rhythm, and teamwork. It also ties into **Music Standards** (7.MD: Analyze and perform rhythm, tempo, and form in music) as students engage with musical patterns through movement. Through **Social Studies Standards** (7.C.1, 7.H.1), students explore the role of cultural traditions, like line dancing, in shaping regional and community identity. This experience blends movement, culture, and cooperation in an engaging and age-appropriate way.

### **Ellaberry Llama Farm: Animal Science & Adventure**

At Ellaberry Llama Farm, students connect with **7th Grade Life Science Standards** (7.L.3, 7.L.4), investigating how organisms' structures and behaviors support survival, reproduction, and usefulness in human contexts. By studying llamas' adaptations and fiber production, students learn about agriculture and the intersection of science and society. The obstacle course reinforces **Physical Education Standards** (Standard 3: Apply concepts of movement and strategies) by encouraging problem-solving, collaboration, and applied physical skills. The program also connects to **ELA Standards** (7.C.1: Communication and Inquiry) as students observe, ask questions, and present what they've learned through discussion or written reflection.



## STANDARDS

# SOUTH CAROLINA 8TH GRADE CONNECTIONS

### **Green River Flood Restoration & Resilience Tour**

This tour aligns with **8th Grade Science Standards in Earth Science** (8.E.4, 8.E.5), which focus on the processes that shape Earth's surface and the role of water, weather, and climate in those changes. Students directly observe how flooding caused dramatic erosion in a single day, linking classroom concepts to real-world examples. The experience also connects to **8th Grade Social Studies Standards** (8.G.1, 8.H.3), encouraging students to examine how geography and natural events have historically influenced human settlement, economic activity, and resilience in South Carolina and beyond. This trip makes natural and human systems tangible, bridging science, history, and civic awareness.

### **Honeysuckle Holler: Line Dancing Workshop**

At Honeysuckle Holler, students participate in a **line dancing workshop** that supports **8th Grade Physical Education Standards** (Standard 1: Apply competent movement skills; Standard 5: Demonstrate responsible behavior in diverse group activities). Students refine coordination, rhythm, and cooperation while experiencing the cultural tradition of dance. It also connects to **Music Standards** (8.MD: Analyze rhythm, tempo, and form; 8.MR: Respond to music through movement and reflection), strengthening students' understanding of music's structure and cultural expression. Through **Social Studies Standards** (8.C.1, 8.H.1), the workshop introduces cultural heritage as a vital part of community history and identity, reinforcing both movement and cultural learning.

### **Ellaberry Llama Farm: Animal Science & Adventure**

The llama farm visit aligns with **8th Grade Life Science Standards** (8.L.3, 8.L.5), focusing on how organisms interact with their environment, adapt to survive, and provide resources useful to humans. Students explore llamas' behaviors and adaptations while connecting agricultural practices to science and technology. The llama obstacle course strengthens **Physical Education Standards** (Standard 3: Apply knowledge of movement concepts and strategies) through problem-solving, cooperation, and applied physical activity.



## STANDARDS

# NORTH CAROLINA 3RD GRADE CONNECTIONS

### Green River Flood Restoration & Resilience Tour

This experience supports **North Carolina 3rd Grade Science Standards in Earth Systems, Structures, and Processes (3.E.2)**, where students investigate how forces like weathering, erosion, and human activity shape landforms. Observing how “1,000 years of erosion occurred in just one day” provides a vivid real-world connection to classroom learning. The tour also ties into **Social Studies Standards (3.G.1: Geographic representations and physical features; 3.H.2: Understanding change over time)** by showing how geography and natural events influence communities and history. Students learn how science and society intersect when natural processes reshape the land and people respond with resilience.

### Honeysuckle Holler: Line Dancing Workshop

The line dancing workshop supports **Physical Education Standards (PE.3.MC.2: Create movement patterns in dance; PE.3.PR.4: Exhibit responsible behavior in group activities)**, helping students develop rhythm, coordination, and social skills. It also connects to **Music Standards (3.MR.1: Understand the relationships between music and movement)** as students learn to express rhythm and tempo through coordinated dance steps. Through **Social Studies Standards (3.C.1: Understanding diverse cultural expressions)**, students gain insight into regional traditions and how music and dance shape cultural identity. This workshop promotes teamwork, fitness, and cultural appreciation in a fun, memorable way.

### Ellaberry Llama Farm: Animal Science & Adventure

This program aligns with **3rd Grade Science Standards in Life Science (3.L.2: Understand how plants and animals adapt to their environment)**. Students learn about llamas' care, adaptations, and usefulness, while also seeing how their fibers are transformed into textiles. The experience connects to **Social Studies Standards (3.E.1: Understanding how people use resources)** by highlighting the role of animals in agriculture and human livelihood.



## STANDARDS

# NORTH CAROLINA 4TH GRADE CONNECTIONS

### Green River Flood Restoration & Resilience Tour

This tour aligns with **4th Grade Science Standards in Earth Systems** (4.E.2: Understand how interactions of weather, water, wind, and land shape the Earth's surface). Students see firsthand how erosion and flooding reshape landscapes, connecting abstract scientific concepts to observable real-world events. It also supports **Social Studies Standards** (4.G.1: Understanding how human, environmental, and technological factors influence settlement and movement) and (4.H.2: Understanding the impact of historic and contemporary events on regions). Students learn how extreme weather impacts both the land and the communities who live there, linking natural science with social and historical change.

### Honeysuckle Holler: Line Dancing Workshop

The line dancing workshop supports **Physical Education Standards** (PE.4.MC.2: Create and refine movement sequences in dance; PE.4.PR.4: Exhibit responsible behavior in physical activity settings) by developing rhythm, coordination, and group cooperation. It also reinforces **Music Standards** (4.MR.1: Understand how music connects to movement and cultural traditions) as students interpret musical rhythm and form through line dance. In **Social Studies Standards** (4.C.1: Understanding cultural expressions in North Carolina and the United States), students explore how regional traditions like line dancing contribute to community identity and cultural heritage.

### Ellaberry Llama Farm: Animal Science & Adventure

This experience ties into **4th Grade Science Standards in Life Science** (4.L.1: Understand how animal adaptations allow survival in particular environments). Students study llamas' behaviors, adaptations, and usefulness to humans, linking science to agricultural practice. The program also supports **Social Studies Standards** (4.E.1: Understanding how natural resources impact economic development) by connecting llama fiber use to human needs and trade.



## STANDARDS

# NORTH CAROLINA 5TH GRADE CONNECTIONS

### Green River Flood Restoration & Resilience Tour

This experience connects to **5th Grade Science Standards in Earth Systems** (5.E.1: Understand weather patterns and climate; 5.E.2: Understand the interactions of the hydrosphere and lithosphere). Students observe how flooding and erosion reshape landforms, linking classroom concepts to real-world examples of rapid change. It also supports **Social Studies Standards** (5.G.1: Understand how human, environmental, and technological factors affect settlement and movement) and (5.H.2: Understand the role of key historical and environmental events in shaping society). The tour shows how natural events impact communities and how people respond with resilience and restoration efforts.

### Honeysuckle Holler: Line Dancing Workshop

The line dancing workshop supports **Physical Education Standards** (PE.5.MC.2: Create and refine movement patterns in dance; PE.5.PR.4: Demonstrate responsible behavior in group settings) by strengthening rhythm, coordination, and cooperation. It also aligns with **Music Standards** (5.MR.1: Understand how elements of music connect to dance, movement, and cultural tradition). Through **Social Studies Standards** (5.C.1: Understand how culture and cultural expressions influence communities), students explore how music and dance traditions contribute to identity, heritage, and community life in the United States.

### Ellaberry Llama Farm: Animal Science & Adventure

This program ties into **5th Grade Science Standards in Life Science** (5.L.2: Understand the interdependence of plants and animals in ecosystems). Students investigate llamas' adaptations, usefulness, and roles in human systems, connecting biology to agriculture and economy. It also supports **Social Studies Standards** (5.E.1: Understand how resources, trade, and human-environment interaction shape society) by showing how llama fibers and agricultural practices link to human needs.



## STANDARDS

# NORTH CAROLINA 6TH GRADE CONNECTIONS

### Green River Flood Restoration & Resilience Tour

This tour aligns with **6th Grade Science Standards in Earth Systems** (6.E.2: Understand the Earth's processes, structures, and history; 6.E.2.4: Explain how earthquakes, volcanoes, landslides, and floods change the Earth's surface). Students see firsthand how flooding and erosion rapidly reshape the land, reinforcing classroom concepts with a real-world case study. It also connects to **Social Studies Standards** (6.G.1: Understand geographic factors that influenced the emergence and expansion of civilizations; 6.H.2: Understand the development of societies and how environmental events impact them). By exploring restoration and resilience efforts, students recognize how geography and natural disasters shape human experience.

### Honeysuckle Holler: Line Dancing Workshop

The line dancing workshop supports **6th Grade Physical Education Standards** (PE.6.MC.2: Apply and refine movement patterns in dance and physical activity; PE.6.PR.4: Demonstrate positive behavior and cooperation in group settings). It also ties into **Music Standards** (6.MR.1: Understand the relationship between music, movement, and cultural expression) as students interpret rhythm, tempo, and form through dance. In addition, it connects to **Social Studies Standards** (6.C.1: Analyze cultural expressions across regions and societies) by introducing students to cultural traditions that reflect identity, history, and community.

### Ellaberry Llama Farm: Animal Science & Adventure

At Ellaberry Llama Farm, students engage with **6th Grade Life Science Standards** (6.L.2: Understand the flow of energy through ecosystems and the relationships between organisms). By learning about llamas' adaptations and usefulness to humans, students explore interdependence in ecosystems and agricultural applications. The program also ties into **Social Studies Standards** (6.E.1: Understand economic interdependence and how natural resources affect societies) by showing the agricultural and economic value of llama fibers.



## STANDARDS

# NORTH CAROLINA 7TH GRADE CONNECTIONS

### Green River Flood Restoration & Resilience Tour

This experience aligns with **7th Grade Science Standards in Earth Systems** (7.E.1: Understand how the cycling of water and air impacts weather patterns and climate; 7.E.1.6: Explain how natural events such as floods and droughts impact ecosystems). Students observe how a single flood event reshaped the Green River landscape, making erosion, deposition, and hydrologic processes come alive. It also supports **Social Studies Standards** (7.G.1: Understand how geography and environmental conditions influence societies; 7.H.2: Understand the relationship between historical events and geographic context). Students connect how natural disasters impact communities, settlement, and resilience both locally and globally.

### Honeysuckle Holler: Line Dancing Workshop

The workshop supports **7th Grade Physical Education Standards** (PE.7.MC.2: Apply and refine specialized movement skills in dance and physical activities; PE.7.PR.4: Demonstrate cooperation and respect in group physical settings). It also ties to **Music Standards** (7.MR.1: Understand how music connects to movement and cultural practices) as students analyze rhythm and pattern through line dancing. In addition, it connects with **Social Studies Standards** (7.C.1: Understand how cultural expressions reflect the values and identity of societies) by examining regional traditions and how cultural practices strengthen community.

### Ellaberry Llama Farm: Animal Science & Adventure

At Ellaberry Llama Farm, students engage with **7th Grade Life Science Standards** (7.L.1: Understand how organisms interact within ecosystems; 7.L.2: Summarize how structures and behaviors of organisms enable survival). By studying llamas' adaptations and usefulness to humans, students connect life science concepts to agriculture and economics. This also supports **Social Studies Standards** (7.E.1: Understand how economic systems and natural resources affect societies) by demonstrating how animals contribute to livelihoods and trade.



## STANDARDS

# NORTH CAROLINA 8TH GRADE CONNECTIONS

### Green River Flood Restoration & Resilience Tour

This tour supports **8th Grade Science Standards in Earth Systems** (8.E.1: Understand the hydrosphere and its interactions; 8.E.1.4: Conclude how flooding and other natural disasters affect the environment and human societies). Students directly observe how massive flooding reshaped the Green River landscape, connecting classroom learning about hydrology and erosion to real-world events. It also aligns with **Social Studies Standards** (8.G.1: Understand the geographic factors that influenced North Carolina and the United States; 8.H.3: Understand how natural and human events have shaped the state's history). Students see how geography and natural disasters shape communities, resilience, and historical development.

### Honeysuckle Holler: Line Dancing Workshop

The line dancing workshop reinforces **8th Grade Physical Education Standards** (PE.8.MC.2: Apply and refine complex movement skills in dance and physical activities; PE.8.PR.4: Demonstrate leadership and cooperation in group settings). It also connects to **Music Standards** (8.MR.1: Analyze and perform music in relation to cultural and historical traditions) by exploring how rhythm, tempo, and form guide movement. Through **Social Studies Standards** (8.C.1: Understand how cultural expressions, including music and dance, reflect the history and identity of North Carolina communities), students gain insight into how regional traditions contribute to cultural heritage and community life.

### Ellaberry Llama Farm: Animal Science & Adventure

This program aligns with **8th Grade Life Science Standards** (8.L.3: Understand how organisms interact with and depend on each other and their environment; 8.L.5: Understand the processes of evolution and adaptation as explanations for the diversity of organisms). By exploring llamas' adaptations, usefulness, and fiber production, students connect biology to agriculture and human systems. It also supports **Social Studies Standards** (8.E.1: Understand how economic, geographic, and environmental factors influenced North Carolina's development) by linking natural resources to economic and social growth.



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