Fourth Grade Course of Study Correlation

	One-Hour																																3-Hour		1 Hour 30 Min.								
	Forests								Wildlife					Plants			Water					Earth Science				Outdoor Skills							Others				History		Evening Programs							
	General Forest Ecology (Professor Hike)	Tree Species ID (Dichotomous Key)	Habitat Trees (Decomposition)	Fungi and Lichens (Symbiosis)	Invertebrate Study w/ Stereoscopes	Habitat Changes (Habitat Converter Tag)	Sensory Awareness (Burma Shave Hike)	Sensory Awareness (Sensory Trail)	Predator/Prey Relationships	Food Web and Food Chains	Animal Adaptations (Games)	Animal Adaptations (Handling)	Bird-watching and Avian Ecology	Ethnobotany (Cultural Uses of Plants)	Plant Physiology w/ Stereoscopes	Photosynthesis and Respiration ("Build a Tree")	Aquatic Habitat and Organism Search	Water Cycle	Water Quality Testing	Values and Impacts of Dam	Water Pollution	Geology	Soils	Organic Garden	Stereoscopes (Soil Study)	Maps (class and map hunt)	Compasses/Orienteering Course	Canoeing	Low Ropes	Alpine Tower	Swing	Group-Building Activities	Values Clarification	Nature Writing (Prose & Poetry)	Nature Sketching	Underground Railroad Simulation	The Ways of the Old Days	Campfire	Night Hike	Town Meeting Simulation (Resource Debate)	Tracks and Tracking	Bats	Square Dance	Astronomy	Bumbas and Alcans (Cultural Communication)
SCIENCE - Life Science																																											
5. Describe the interdependence of plants and animals	x		x	x		x			x	x	x	x	x	x									x																		x			
6. Classify animals as vertebrates or invertebrates and as endotherms or ectotherms					x				x	x		x	x				x																										
SCIENCE - Earth and Space																																											
7. Describe geological features of Earth, including bodies of water, beaches, ocean ridges, continental shelves, plateaus, faults, canyons,sand dunes, and ice caps																				x		x																					
8. Identify technological advances and other benefits of space exploration																																										x	
9. Describe the appearance and movement of Earth and its moon																																										x	
10. Describe components of our solar system																																										x	
SOCIAL STUDIES - Alabama																																											
1. Identify historical and current economic, political, and geographic information about Alabama on thematic maps																									x																		
2. Describe cultures, governments, and economies of prehistoric and historic Native Americans in Alabama																																		x								
3. List reasons for European exploration and settlement in Alabama and the impact of Europeans on trade, health, land expansion, and tribal reorganization of Native American populations in Alabama																																		x								
4. Describe the relationship of the five geographic regions of Alabama to the movement of Alabama settlers during the early nineteenth century																																		x								
6. identify cultural, economic, and political aspects of the lifestyles of early nineteenth-century farmers, plantation owners, slaves, and townspeople																																		x								

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16. Describe the impact of population growth on cities, major road systems, demographics, natural resources, and the natural environment of Alabama during the twentieth century						x			x		x									x																			x						
MATHEMATICS - Geometry																																													
12. Find locations on a map or grid using ordered pairs																									x																				
MATHEMATICS - Data Analysis																																													
15. Represent categorical data using tables and graphs, including bar graphs, line graphs, and line plots																																													
PHYSICAL EDUCATION																																													
1. Demonstrate mature form of all nonlocomotor skills, including twisting, turning, leaning, stretching, curling, bending, swinging, balancing, and transferring of weight																															x										x			
2. Demonstrate selected manipulative skills, including throwing, catching, and kicking, while using proper mechanics and accuracy																											x				x												
7. Adapt combined movement skills in a variety of situations																											x	x	x															
12. Recognize the attributes that individuals bring to group activities																											x	x	x	x	x												
13. Collaborate with a partner or small group for a common purpose																											x				x										x		
VISUAL ARTS																																													
6. Define selected visual art vocabulary																																		x											
13. Describe various aspects in a work of art																																		x											
14. Analyze the composition in a work of art																																		x											
17. Use art terms to discuss a work of art																																		x											
22. Describe the different effects of positioning objects																																		x											
26. Identify visual and tactile qualities of the environment																																		x											

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32. Reproduce different visual and actual textures																																		x											
34. Use the principles of design and selected elements of art to create a work of art																																		x											
37. Produce art using different two-dimensional media and processes																																		x											
DANCE																																													
2. Combine two or more locomotor movements in a repeating pattern																											x															x			
3. Demonstrate laterality																																										x			
11. Perform movement sequences without assistance																											x	x	x													x			
ENGLISH																																													
21. Use the writing process with assistance when composing different forms of written expression																																		x											
28. Write meaningful sentences and paragraphs																																		x											
32. Apply figurative language found in literature to enhance written and oral production of language																																		x											