

Owl's Hill Nature Sanctuary

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07/10

Owl's Hill Fourth Grade Programs

	Autumn Nature Adventure	Fossil Hunt	Forest Ecology	Interpretive Habitat Hike	Owls: Top of the Food Chain	Pond Ecology	What Do Bees Make?
Tennessee State Curriculum Standards							
Fourth Grade Expectations							
Science GLE0407.Inq.2 select appropriate tools to conduct an investigation	X	X	X	X	X	X	X
Science GLE0407.2.1 analyze the effects of changes in the environment on the stability of an ecosystem	X	X	X	X	X	X	X
Science GLE0407.3.1 demonstrate that plants require light energy to grow & survive	X		X	X		X	X
Science GLE0407.3.2 investigate different ways that organisms meet their energy needs	X		X	X	X	X	X
Science GLE0407.4.1 recognize the relationship between reproduction & the continuation of a species						X	X
Science GLE0407.4.2 differentiate between complete and incomplete metamorphosis						X	X
Science GLE0407.5.1 analyze physical and behavioral adaptations that enable organisms to survive	X	X	X	X	X	X	X
Science GLE0407.5.2 describe how environmental changes caused extinction of species		X				X	X
Science GLE0407.7.1 investigate how the Earth's geological features change as a result of erosion		X		X		X	
Science GLE0407.8.1 recognize the major components of the water cycle						X	
English 4.1.01.a -Listen attentively by facing the speaker, asking questions, etc.	X	X	X	X	X	X	X
English 4.1.01.b-Use established rules for conversation	X	X	X	X	X	X	X
English 4.1.01.c-Understand, follow, give oral multi-step directions	X	X	X	X	X	X	X
English 4.1.01.d-Formulate & respond to questions from teachers & group members	X	X	X	X	X	X	X
English 4.1.09.a-Use and discern appropriate reference sources	X	X	X			X	
English 4.1.09.d-Understand a variety of informational texts	X	X	X			X	
English 4.1.09.e-Utilize word-referenced materials	X	X	X			X	
Math 4.1.3g – Solve real-world problems involving ...addition, subtraction, etc.			X				
Math 4.5.1 - Formulate questions that can be addressed w/ data & collect, organize, etc.			X				
Math 4.4.1 – Understand measurable attributes of objects and the units of measurement			X				
Math 4.4.2 – Apply appropriate techniques, tools & formulas to determine measurements			X				
Social Studies 4.1.02a – Explore similarities & differences in how different groups address similar human needs & concerns							X
Social Studies 4.3.03d – Explain the influences of physical and human features on historical events			X				
Social Studies 4.5.02a - Demonstrate ability to use correct vocabulary about time		X					
Social Studies 4.6.01 – Recognize the impact of individual and group decisions						X	
Physical Education 3.1 – Apply rules, etc. w/ little or no reinforcement	X	X	X	X	X	X	X
Physical Education 5.1 – Experience enjoyment while participating in physical activity	X	X	X	X	X	X	X
Physical Education 5.2 – Recognize physical activity as positive opportunity interaction.	X	X	X	X	X	X	X
Physical Education 5.5 – Interact w/ friends/peers while participating in group activities.	X	X	X	X	X	X	X

03/08