

Jefferson City Public Schools–Curriculum

SUBJECT: Elementary

COURSE: EER

STRAND: Going, Going, Gone

Objectives	Assessment/Evaluation	Instructional Activities
(A) Develop a better understanding of ecosystems Performance: 1.6, 3.4, 4.1 Knowledge: (CA) 3 (MA) 2,6 (SC) 3,4 (SS) 2,5,7 MAGLE: NO.1.A (Gr. 5) CAGLE: R.1.Ha-f (Gr. 8) SSGLE: ECP.4.B (Gr. 6), EGSA.5.I (Gr. 7) SCGLE: SC1.2.Cb (Gr. 6), SC3.1.Aa (Gr. 8), SC3.2.Ba (gr. 6), SC4.1.Ab (gr. 4), SC4.1.Da-c (gr. 6), SC4.2.Aa,b (Gr. 6), SC4.3.A (gr. 6), SC4.3.Ba-c (gr. 6) SCCLE: SC3.2.D, SC4.1.C (Biology I)	• Dissection of Owl Pellets • Water Address answers • Who Lived There Then? maps • Presented Who Lived There Then? answers • Create a rainforest diorama • Layers of life	• Owl Pellet Dissection • The Ecosystem background information sheet • Habitats in Africa • Who Lived There Then? • Habitat Rummy • Rainforest song • Rainforest and tropical rainforest products information • Food Webs background information sheet • Food Pyramid background information sheet
(B) Synthesize the impact that businesses have on the environment Performance: 1.6, 3.4, 4.1 Knowledge: (CA) 1,3 (MA) 1 (SC) 7,8 (SS) 4,5 MAGLE: M1.A,B (gr. 5), M.2.A (gr. 4) CAGLE: R.1.Ha-f (gr. 8) SSGLE: ECP.4.B (gr. 6), EGSA.5.I (gr. 7) SCGLE: SC4.3.Ba-c (gr. 6), SC4.1.Da-c (gr. 6), SC5.3.Aa-b (gr. 6), SC7.1.Aa-e (gr. 6), SC7.1.Ba-f (gr. 7) SCCLE: SC1.2.Ac (Physical Science), SC4.1.C (Biology)	• Energy and You answer sheet • No Water Off a Duck's Back experiment sheet • Project Pucker Experiment results sheet	• Succession of Trees background information sheet • Petroleum, Natural Gas, and Oil background information sheet • Ways to Conserve Energy in Factories background information • Global Connections - Greenhouse Effect background information • Project Pucker experiment - contaminated water • No Water Off a Duck's Back experiment

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(C) Analyze the impact man has on the environment Performance: 1.6, 3.4, 4.1 Knowledge: (CA) 1,3 (MA) 1-3,5,6 (SC) 5,8 (SS) 4,5 MAGLE: NO.1.A (gr. 5), NO.2.A (gr. 4), NO.3.B (gr. 5), M.1.A,B (gr. 5), M.2.A (gr. 4) SSGLE: ECP.4.B (gr. 6) SCGLE: SC4.1.Ab (gr. 4), SC4.1.Da-c (gr. 6), SC4.3.Ba-c (gr. 6), SC5.3.Aa,b (gr. 6), SC5.3.A (gr. 7) SCCLE: SC4.1.C (Biology I)	• Deforestation calculations • Soak It Up! experiment • Appliance energy calculations • Determine renewable or nonrenewable resources • Money Down the Drain Experiment record sheet	• Forest Fire background information sheet • Deforestation background • Wetland Habitats background information • Electricity background information sheet • Pollution: • cars • landfills • dumps • incinerators • aerosols • Resource-Go-Round information sheet - wood • Money Down the Drain experiment
(D) Demonstrate the impact nature has on the environment Performance: 1.3, 1.6 Knowledge: (SC) 2,4,5,7,8 (SS) 5 SCGLE: SC3.3.Ba-c (gr. 6), SC5.2.Ac,d (gr. 6), SC5.2.Ea,b (gr. 6), SC5.2.Fa (gr. 7), SC7.1.Ba-f (gr. 7), SC7.1.Ca-c (gr. 6), SC7.1.Da,b (gr. 6) SCGLE: SC4.1.C (Biology I)	Don't Muddy the Water experiment - erosion	• Don't Muddy the Water information sheet • Forest Fire background information sheet • Tree-Tective Trouble Guide - tree diseases

Objectives	Assessment/Evaluation	Instructional Activities
(E) Evaluate means for protecting our environment Performance: 1.6, 3.4, 4.1 Knowledge: (CA) 3 (SC) 5 (SS) 4,5 CAGLE: R.1.Ha-f (gr. 8) SSGLE: ECP.4.B (gr. 6), EGSA.5.I (gr. 7) SCGLE: SC4.1.Da-c (gr.6), SC5.3.Aa,b (gr. 6), SC5.3.A (gr. 7) SCCLE: SC4.1.C (Biology I)	• Water Works role playing activity • Constructing Wetland Wheel • Hazardous Waste cards match-up • Water Conservation quiz • Construct a Water Conservation wheel	• Water background - conservation • Wetland Address activity • Nuclear Energy, Solar Wind, and Geothermal Energy packet • Conservation in Transportation background information sheet • Every Drop Counts background information sheet • Recycling background information sheet • Popcorn Generation experiment • Conservation Options sheet • Wetland Wheel • Wetland Bingo • Hazardous Waste activity
(F) Create a PowerPoint presentation about an endangered species of choice Performance: 1.5, 2.1, 3.4, 4.1 Knowledge: (CA) 1,3-6 (FA) 1,3 CAGLE: R.1.Ha-f (gr. 8), R.3.Ab (gr. 6), W.1.Aa-e (gr. 6), W.2.Da (gr. 5), W.2.Ea-e (gr. 5), LS.2.A (gr. 6) SSGLE: TSSI.7.A,C (gr. 5-8) SCGLE: SC4.1.Ab (gr. 4), SC4.2.Aa-b (gr. 6), SC4.3.Ba-c (gr. 6), SC4.3.Ca,b (gr. 6), SC5.2.Ac,d (gr. 6), SCCLE: SC4.1.C (Biology I) NETS: 5 (gr. 3-5)	• Animal Report graphic organizer • Animal Report scoring guide • Good Buddies game (symbiotic relationship) • PowerPoint self evaluation sheet	• Why Animals are Endangered background information • Teacher models report writing - supporting details • Reading about bird adaptations • Symbiotic Relationships background information sheet
(G) Develop a game that conveys the importance of protecting the environment, animals, recycling, or another related aspect of the unit Performance: 1.5, 2.1, 3.4, 4.1 Knowledge: (CA) 1, 3-6 (FA) 1,3 (SS) 5 CAGLE: R.1.Ha-f (gr. 8) VAGLE: PP.3.G (gr. 8) SCGLE: SC4.1.Ab (gr. 4), SC4.1.Da-c (gr. 6), SC4.2.Aa,b (gr. 6), SC4.3.Ba-c (gr. 6), SC4. 3.Ca,b (gr. 6) SCCLE: SC4.1.C (Biology I)	• Present environmental or endangered species game • Game presentation scoring guide • Game positive comment sheet • Game peer analysis sheet	• Creating Games packet-background information • Creating environmental or endangered species games