



SUNSHIP EARTH_{TM}

SCIENCE – 5th grade 100% State Content Standards Addressed 35% State Benchmarks Met with Relevant GLEs

Louisiana	a Standards and Benchmarks with Relevant GLEs	Foundation Skills	Outdoor Classroom Activity
	ne: Students will do science by engaging l comental capabilities.	n partial and ful	l inquiries that are within
SI-M-A5	Developing models and predictions using the relationships between data and explanations;	1,2,3,4	Bucket Brigade Tools & Tasks
GLE	Science as Inquiry The Abilities To Do Scientific Inquiry 15. Identify and explain the limitations of models used to represent the natural world 16. Use evidence to make inferences and predict trends		
SI-M-A7	Communicating scientific procedures, information, and explanations;	1,3	*All Stations Endangered Species
GLE	Science as Inquiry The Abilities To Do Scientific Inquiry 19. Communicate ideas in a variety of ways (e.g., symbols, illustrations, graphs, charts, spreadsheets, concept maps, oral and written reports, equations		Earth Harmonies Components
SI-M-B4	Using data and logical arguments to propose, modify, or elaborate on principals and models;	1,2,3,4	Bucket Brigade Sun's Restaurant
GLE	Science as Inquiry Understanding Scientific Inquiry 33. Evaluate models, identify problems in design, and make		

	recommendations for improvement		
Standard Tu	vo: Students will develop an understanding	of the charact	⊥ eristics and
	ships of matter and energy in the physical		oriotioo uria
PS-M-C1	Identifying and comparing the characteristics of different types of energy	2,3,4	Food Factory
PS-M-C3	Understanding that the sun is a major source of energy and that energy arrives at the Earth's surface as light with a range of wavelengths;	2, 3, 4	Food Factory Sun's Restaurant Chain Gang Bucket Brigade
GLE	Science as Inquiry Transformations of Energy 11. Identify the Sun as Earth's primary energy source and give examples (e.g., photosynthesis, water cycle) to support that conclusion.		Click-Shine
PS-M-C7	Understanding that energy is involved in chemical reactions	2, 4	Food Factory
	ree: Students will become aware of the chand their relationship to each other and to		
LS-M-A3	Observing and analyzing the growth and development of selected organisms, including a seed plant, an insect with complete metamorphosis, and an amphibian;	1, 2, 3, 4	Cliff Hangers Earth Harmonies Components
GLE	Life Science Structure and Function of Living Systems 18. Describe the metamorphosis of an amphibian (e.g., frog)		
LS-M-A4	Describing the basic processes of photosynthesis and respiration and their importance to life;	1, 4, 5	Food Factory
GLE	Life Science Structure and Function of Living Systems 19. Describe the processes of photosynthesis and respiration in green plants		
LS-M-C2	Modeling and interpreting food chains and food webs;	1, 2, 3, 4	Sun's Restaurant Chain Gang
GLE	Life Science Population and Ecosystems 23. Construct food chains that could be found in ponds, marshes, oceans, forests, or meadows 24. Describe the roles of producers, consumers, and decomposers in a		Web of Life Earth Harmonies Components

	food chain		
	25. Compare food chains/food webs		
LS-M-C3	Investigating major ecosystems and recognizing physical properties and organisms within each;	1, 2, 3, 4, 5	Tools and Tasks Echin Missing Passenger Homes for the Homeless
GLE	Life Science Populations and Ecosystems 27. Compare common traits or organisms within major ecosystems		Zorks
LS-M-C4	Explaining the interaction and interdependence of nonliving and living components within ecosystems;	1, 2, 3, 4, 5	Missing Passenger Guess Who's Coming to Dinner Echin
GLE	Life Science Population and Ecosystems 28. Explain and give examples of predator/prey relationships		Club of Life Earth Harmonies Components
LS-M-D1	Describing the importance of plant and animal adaptation, including local examples;	1, 3, 4, 5	All in the Life of a Zork Tools and Tasks Club of Life
GLE	Life Science Adaptations of Organisms 29. Describe adaptations of plants and animals that enable them to thrive in local and other natural environments		
LS-M-D2	Explaining how some members of a species survive under changed environmental conditions;	1, 2, 3, 4, 5	Club of Life
	ur: Students will develop an understandin		
	the Earth system, the Earth's history, and		
ESS-M-A4	Investigating how soils are formed from weathered rock and decomposed organic material;	2, 3, 4	Soil Sinks
GLE	Earth And Space Science Structure of the Earth 30. Identify organic and inorganic matter in soil samples with the aid of a hand lens or microscope		
ESS-M-A6	Explaining the processes involved in the rock cycle;	1, 4	Soil Sinks Cliff Hangers
ESS-M-A7	Modeling how landforms result from the interaction of constructive and destructive forces;	1, 2, 3, 4	Soil Sinks Bucket Brigade
GLE	Earth and Space Science Structures of the Earth TREE 4714 Farhart Blvd Suite D. New Orleans		

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	32. Demonstrate the results of constructive and destructive forces using models or illustrations 33. Identify the processes that prevent or cause erosion		
ESS-M-A10	Explaining (illustrating) how water circulates on and through the crust, in the oceans, and in the atmosphere in the water cycle;	1, 4	Bucket Brigade
GLE	Earth and Space Science Earth in the Solar System 46. Identify and explain the interaction of the processes of the water cycle		
ESS-M-A11	Understanding that the atmosphere interacts with the hydrosphere to affect weather and climate conditions;	1, 4	Bucket Brigade
GLE	Earth and Space Science Structures of the Earth 35. Identify the atmosphere as a mixture of gases, water vapor, and particulate matter		
ESS-M-A12	Predicting weather patterns through use of a weather map;	1, 2, 3, 4, 5	Weather Report
GLE	Earth and Space Science Structure of the Earth 37. Identify typical weather map symbols and the type of weather they represent		
ESS-M-B1	Investigating how fossils show the development of life over time;	2, 3, 4	Food Factory
ESS-M-B3	Understanding that earth processes such as erosion and weathering affect the Earth today and are similar to those which occurred in the past;	1, 2, 3, 4	Soil Sinks Cliff Hangers
GLE	Earth and Space Science Earth History 38. Estimate the range of time over which natural event occur (e.g., lightning in seconds, mountain formation over millions of years)		
ESS-M-C6	Modeling and describing how radiant energy from the sun affects phenomena on the Earth's surface, such as winds, ocean currents, and the water cycle;	1, 2, 3, 4	Bucket Brigade Soil Sinks

GLE	Earth And Space Science		
	Earth in the Solar System		
	46. Identify and explain the interaction		
	of the processes of the water cycle		
	re: In learning environmental science, stud		
	onment, learn the importance of quality, a		nse of stewardship. As
	, and political actions affect the natural wo		
SE-M-A1	Demonstrating knowledge that an	1, 3, 4, 5	Homes for the Homeless
	ecosystem includes living and nonliving		Missing Passenger
	factors and that humans are an integral		Earth Harmonies
	part of ecosystems;		Components
SE-M-A2	Demonstrating an understanding of how	1, 2, 3, 4, 5	Homes for the Homeless
	carrying capacity and limiting factors affect		Model Planets
	plant and animal populations;		Guess Who's Coming to
GLE	Earth and Space Science		Dinner
	Science and the Environment		Earth Harmonies
	48. Determine the ability of an ecosystem		Components
	to support a population (carrying		
	capacity) by identifying the resources		
	needed by that population		
SE-M-A3	Defining the concept of pollutant and	1, 2, 3, 4, 5	Bucket Brigade
	describing the effects of various pollutants		Best Deal on Earth
	on ecosystems;		
GLE	Earth and Space Science		
	Science and the Environment		
	49. Identify and give examples of		
	pollutants found in water, air, and		
	soil		
SE-M-A4	Understanding that human actions can	1, 2, 3, 4, 5	Bucket Brigade
	create risks and consequences in the		Best Deal on Earth
	environment;		Model Planets
GLE	Earth and Space Science		Endangered Species
	Science and the Environment		Earth Harmonies
	50. Describe the consequences of		Components
	several types of human activities on		
	local ecosystems (e.g., polluting		
	streams, regulating hunting,		
	introducing nonnative species)		
SE-M-A5	Tracing the flow of energy through an	1, 2, 3, 4, 5	Sun's Restaurant
	ecosystem and demonstrating a		Chain Gang
	knowledge of the roles of producers,		Earth Harmonies
	consumers, and decomposers in the		Components
05 5 40	ecosystem;	4 0 0 4 5	B. d. (B.)
SE-E-A6	Distinguishing between renewable and	1, 2, 3, 4, 5	Bucket Brigade

	nonrenewable resources and understanding that nonrenewable natural resources are not replenished through the natural cycles and thus are strictly limited in quantity;		Cradles to Coffins Best Deal on Earth Soil Sinks Earth Harmonies Components
SE-M-A7	Demonstrating knowledge of the natural cycles, such as the carbon cycle, nitrogen cycle, water cycle, and oxygen cycle;	1, 2, 4	Bucket Brigade Cradles to Coffins Best Deal on Earth
GLE	Earth and Space Science Science and the Environment 51. Describe naturally occurring cycles and identify where they are found (e.g., carbon, nitrogen, water, oxygen)		
SE-M-A8	Investigating and analyzing how technology affects the physical, chemical, and biological factors in an ecosystem.	1, 2, 3, 4, 5	Best Deal on Earth

^{*} All Stations include: Sun's Restaurant, Food Factory, Chain Gang, Bucket Brigade, Cradles to Coffins, Best Deal On Earth, Club of Life, Echin, Homes for the Homeless, Guess Who's Coming to Dinner, Missing Passenger, Cliff Hangers, Soil Sinks, All in the Life of a Zork, Tools and Tasks





SUNSHIP EARTH

ENGLISH/LANGUAGE ARTS-5th grade

86% State Content Standards Addressed 37% State Benchmarks Met with Relevant GLEs

Louisia	ana Standards and Benchmarks with Relevant GLEs	Foundation Skills	Outdoor Classroom Activity
	One: Students read, comprehend, and response	nd to a range of	materials, using a variety
ELA-1-M1	Using knowledge of word meaning and developing basic and technical vocabulary using various strategies (e.g., context clues, affixes, etymology, dictionary);	1, 4	All Stations* Lost Letters Outlook Inn Weather Reports
GLE	Reading and Responding 3. Identify the meanings of idioms and analogies 4. Develop specific vocabulary (e.g., reading scientific, geographical, historical, and mathematical texts, as well as news and current events) for various purposes		Endangered Species Word Discoveries Menu Cards Earth Harmonies Components
ELA-1-M5	Adjusting reading rate according to texts and purposes for reading:	1, 2, 4, 5	All Stations* Lost Letters Outlook Inn PO-E-Tree Weather Reports, Endangered Species Earth Harmonies Components
	Two: Students write competently for a variet		
ELA-2-M6	Writing as a response to texts and life experiences (e.g., letters, journals, lists);	1, 2, 4	All Stations* Magic Spots PO-E-Tree Weather Reports Endangered Species Earth Harmonies

Standard Three: Students communicate using standard English grammar, usage, sentence structure, punctuation, capitalization, spelling, and handwriting. ELA-3-M1 Writing fluidly and legibly in cursive or printed form: Standard Four: Students demonstrate competence in speaking and listening as tools for learning and communicating ELA-4-M1 Speaking intelligibly, using standard English pronunciation and diction; Speaking and Listening 33. Use complete sentences and standard English grammar, diction, syntax, and pronunciation when speaking GLE Speaking and following directions/procedures GLE Speaking and following directions/procedures GLE Speaking and Listening 34. Follow procedures (e.g., read, question, write a response, form groups) from detailed oral instructions ELA-4-M3 using the features of speaking (e.g., audience analysis, message construction, delivery, interpretation of feedback) when giving rehearsed and unrehearsed presentations; GLE Speaking and Listening 36. Adjust volume and inflection to suit the audience and purpose of presentations ELA-4-M4 speaking and listening for a variety of audiences (e.g., classroom, real-life, workplace) and purposes (e.g., awareness, concentration, enjoyment, information, problem solving); GLE Speaking and Listening Speaking and Listening Speaking and Listening Speaking and listening for a variety of audiences (e.g., classroom, real-life, workplace) and purposes (e.g., awareness, concentration, enjoyment, information, problem solving); Speaking and Listening All Stations* PO-E-Tree Discovery Board Weather Reports Endangered Species Earth Harmonies Components Components				Components
### Structure, punctuation, capitalization, spelling, and handwriting. #### ELA-3-M1 Writing fluidly and legibly in cursive or printed form: ### Standard Four: Students demonstrate competence in speaking and listening as tools for learning and communicating #### ELA-4-M1 Speaking intelligibly, using standard English pronunciation and diction; #### Speaking and Listening ### 33. Use complete sentences and standard English pronunciation and diction, syntax, and pronunciation when speaking #### ELA-4-M2 giving and following directions/procedures #### Speaking and Listening ### 34. Follow procedures (e.g., read, question, write a response, form groups) from detailed oral instructions #### ELA-4-M3 using the features of speaking (e.g., audience analysis, message construction, adulence analysis, message construction, elivery, interpretation of feedback) when giving rehearsed and unrehearsed presentations; #### BLA-4-M4 speaking and Listening #### 36. Adjust volume and inflection to suit the audience and purpose of presentations using and purposes (e.g., awareness, concentration, enjoyment, information, problem solving); #### Speaking and Listening #### 36. Adjust volume and inflection to suit the audience and purpose of presentations using the features of speaking or a variety of audiences (e.g., alassroom, real-life, workplace) and purposes (e.g., awareness, concentration, enjoyment, information, problem solving); #### Speaking and Listening #### Speaking and S	Standard 1	Three: Students communicate using standar	d English gran	
ELA-3-M1 Writing fluidly and legibly in cursive or printed form: Standard Four: Students demonstrate competence in speaking and listening as tools for learning and communicating ELA-4-M1 Speaking intelligibly, using standard English pronunciation and diction; Speaking and Listening 33. Use complete sentences and standard English grammar, diction, syntax, and pronunciation when speaking ELA-4-M2 giving and following directions/procedures Speaking and Listening 34. Follow procedures (e.g., read, question, write a response, form groups) from detailed oral instructions ELA-4-M3 using the features of speaking (e.g., audience analysis, message construction, delivery, interpretation of feedback) when giving rehearsed and unrehearsed presentations; GLE Speaking and Listening Speaking and Listening T, 4 All Stations* PO-E-Tree Discovery Board Weather Reports Endangered Species Earth Harmonies Components Neather Report Endangered Species PO-E-Tree Waste Watchers Conversion Dinner Boundary Breakers Meals Earth Harmonies Components ELA-4-M3 using the features of speaking (e.g., audience analysis, message construction, delivery, interpretation of feedback) when giving rehearsed and unrehearsed presentations; GLE Speaking and Listening Speaking and listening for a variety of audiences (e.g., classroom, real-life, workplace) and purposes (e.g., awareness, concentration, enjoyment, information, problem solving); Speaking and Listening Speaking an			•	, 0,
### BELA-4-M1 Speaking intelligibly, using standard English pronunciation and diction; ### GLE		Writing fluidly and legibly in cursive or printed		PO-E-Tree Earth Harmonies
ELA-4-M1 Speaking intelligibly, using standard English pronunciation and diction; GLE Speaking and Listening 33. Use complete sentences and standard English grammar, diction, syntax, and pronunciation when speaking ELA-4-M2 giving and following directions/procedures GLE Speaking and Listening 34. Follow procedures (e.g., read, question, write a response, form groups) from detailed oral instructions ELA-4-M3 using the features of speaking (e.g., audience analysis, message construction, delivery, interpretation of feedback) when giving rehearsed and unrehearsed presentations: GLE Speaking and Listening 36. Adjust volume and inflection to suit the audience and purpose of presentations ELA-4-M4 speaking and listening for a variety of audiences (e.g., classroom, real-life, workplace) and purposes (e.g., awareness, concentration, epioyment, information, problem solving); GLE Speaking and Listening GLE Speaking and Listening GLE Speaking and Listening GLE Speaking and Listening		<u>=</u>	speaking	
ELA-4-M2 GLE Speaking and Listening 34. Follow procedures (e.g., read, question, write a response, form groups) from detailed oral instructions ELA-4-M3 LEA-4-M3 LEA-4-M3 LEA-4-M4 GLE Speaking and Listening 34. Follow procedures (e.g., read, question, write a response, form groups) from detailed oral instructions ELA-4-M3 LEA-4-M3 LEA-4-M3 LEA-4-M3 LEA-4-M4 LEA-4-M4 Speaking and Listening 36. Adjust volume and inflection to suit the audience and purpose of presentations ELA-4-M4 Speaking and listening for a variety of audiences (e.g., classroom, real-life, workplace) and purposes (e.g., awareness, concentration, enjoyment, information, problem solving); GLE Speaking and Listening GLE Speaking and Listening Speaking and Listening for a variety of audiences (e.g., classroom, real-life, workplace) and purposes (e.g., awareness, concentration, enjoyment, information, problem solving); GLE Speaking and Listening All Stations* Passport Office Lost Letters All Stations* Passport Office Lost Letters Artists and Scientists PO-E-Tree		Speaking intelligibly, using standard English pronunciation and diction; Speaking and Listening 33. Use complete sentences and standard English grammar, diction, syntax, and pronunciation when	1, 4	PO-E-Tree Discovery Board Weather Reports Endangered Species Earth Harmonies
GLE Speaking and Listening 34. Follow procedures (e.g., read, question, write a response, form groups) from detailed oral instructions ELA-4-M3 LEA-4-M3 LEA-4-M3 LEA-4-M4 Speaking and Listening 36. Adjust volume and inflection to suit the audience and purpose of presentations ELA-4-M4 Speaking and Listening for a variety of audiences (e.g., classroom, real-life, workplace) and purposes (e.g., awareness, concentration, enjoyment, information, problem solving); GLE Speaking and Listening 36. Agjust volume and inflection to suit the audiences (e.g., classroom, real-life, workplace) and purposes (e.g., awareness, concentration, enjoyment, information, problem solving); GLE Speaking and Listening Speaking and Listening All Stations* Passport Office Lost Letters Micro-Parks Artists and Scientists PO-E-Tree	FI A-4-M2		1. 4	All Stations*
audience analysis, message construction, delivery, interpretation of feedback) when giving rehearsed and unrehearsed presentations; GLE Speaking and Listening 36. Adjust volume and inflection to suit the audience and purpose of presentations ELA-4-M4 speaking and listening for a variety of audiences (e.g., classroom, real-life, workplace) and purposes (e.g., awareness, concentration, enjoyment, information, problem solving); GLE Speaking and Listening All Stations* Passport Office Lost Letters Micro-Parks Artists and Scientists PO-E-Tree	GLE	Speaking and Listening 34. Follow procedures (e.g., read, question, write a response, form groups) from detailed oral instructions		Passport Office Lost Letters Micro-Parks Artists and Scientists Weather Report Endangered Species PO-E-Tree Waste Watchers Conversion Dinner Boundary Breakers Meals Earth Harmonies Components
36. Adjust volume and inflection to suit the audience and purpose of presentations ELA-4-M4 speaking and listening for a variety of audiences (e.g., classroom, real-life, workplace) and purposes (e.g., awareness, concentration, enjoyment, information, problem solving); GLE Speaking and Listening All Stations* Passport Office Lost Letters Micro-Parks Artists and Scientists PO-E-Tree		audience analysis, message construction, delivery, interpretation of feedback) when giving rehearsed and unrehearsed presentations;	1, 2, 4	Discovery Board Weather Reports Endangered Species Earth Harmonies
audiences (e.g., classroom, real-life, workplace) and purposes (e.g., awareness, concentration, enjoyment, information, problem solving); GLE Audiences (e.g., classroom, real-life, Lost Letters Micro-Parks Artists and Scientists PO-E-Tree	GLE	36. Adjust volume and inflection to suit the audience and purpose of		3 3 , 3 3 3
Call E Speaking and Listening	ELA-4-M4	audiences (e.g., classroom, real-life, workplace) and purposes (e.g., awareness, concentration, enjoyment, information,	1, 2, 4, 5	Passport Office Lost Letters Micro-Parks Artists and Scientists
' Iliscovery Roard	GLE	Speaking and Listening		PO-E-Tree Discovery Board

38. Demonstrate active listening strategies (e.g., asking focused questions, responding to questions, making visual contact) 39. Deliver formal and informal presentations for a variety of purposes, including: • Book reports • Personal experiences • Explanations of projects ELA-4-M5 Boundary Breakers Meals Earth Harmonies Components Components ELA-4-M5 Usether Reports Endangered Species Waste Watchers Conversion Dinner Boundary Breakers Meals Earth Harmonies Components Fearth Harmonies Components The provided Homes for the Homeless Convention / Closing	
questions, responding to questions, making visual contact) 39. Deliver formal and informal presentations for a variety of purposes, including: • Book reports • Personal experiences • Explanations of projects ELA-4-M5 listening and responding to a wide variety of media (e.g., music, TV, film, speech); Waste Watchers Conversion Dinner Boundary Breakers Meals Earth Harmonies Components Earth Harmonies Output To prove the standard of the specific properties of the Homeless Waste Watchers Conversion Dinner Boundary Breakers Meals Earth Harmonies Components To prove the standard of the specific properties of the Homeless	
making visual contact) 39. Deliver formal and informal presentations for a variety of purposes, including: • Book reports • Personal experiences • Explanations of projects ELA-4-M5 listening and responding to a wide variety of media (e.g., music, TV, film, speech); Conversion Dinner Boundary Breakers Meals Earth Harmonies Components Earth Harmonies 1, 3, 4, 5 Welcome Aboard Homes for the Homeless	
39. Deliver formal and informal presentations for a variety of purposes, including: • Book reports • Personal experiences • Explanations of projects ELA-4-M5 listening and responding to a wide variety of media (e.g., music, TV, film, speech); Boundary Breakers Meals Earth Harmonies Components • Components 1, 3, 4, 5 Welcome Aboard Homes for the Homeless	
presentations for a variety of purposes, including: Book reports Personal experiences ELA-4-M5 listening and responding to a wide variety of media (e.g., music, TV, film, speech); Meals Earth Harmonies Components Tomponents 1, 3, 4, 5 Welcome Aboard Homes for the Homeless	
purposes, including:	
 Book reports Personal experiences Explanations of projects ELA-4-M5 listening and responding to a wide variety of media (e.g., music, TV, film, speech); Components Components Welcome Aboard Homes for the Homeless 	
 Personal experiences Explanations of projects ELA-4-M5 listening and responding to a wide variety of media (e.g., music, TV, film, speech); 1, 3, 4, 5 Welcome Aboard Homes for the Homeless 	
 Explanations of projects ELA-4-M5 listening and responding to a wide variety of media (e.g., music, TV, film, speech); 1, 3, 4, 5 Welcome Aboard Homes for the Homeless 	
 Explanations of projects ELA-4-M5 listening and responding to a wide variety of media (e.g., music, TV, film, speech); 1, 3, 4, 5 Welcome Aboard Homes for the Homeless 	
ELA-4-M5 listening and responding to a wide variety of media (e.g., music, TV, film, speech); 1, 3, 4, 5 Welcome Aboard Homes for the Homeless	
media (e.g., music, TV, film, speech); Homes for the Homeless	
Endangered Species	
Earth Harmonies	
Components	
ELA-4-M6 participating in a variety of roles in group 1, 4, 5 All Stations*	
discussions (e.g., active listener, contributor, Boundary Breakers	
discussion leader, facilitator, recorder); Endangered Species	
Discovery Board	
GLE Speaking and Listening Conversion Dinner	
41. Participate in group and panel Earth Harmonies	
discussions, including: Components	
Applying agreed-upon rules	
for formal and informal	
discussions	
Assuming a variety of roles	
(e.g., facilitator, recorder,	
leader, listener)	
Standard Five: Students locate, select, and synthesize information from a variety of texts, med	lia.
references, and technological sources to acquire and communicate knowledge.	,
ELA-5-M6 Interpreting graphic organizers (e.g., 1,2,3,4,5 Endangered Species	
charts/graphs, tables/schedules, Waste Watchers	
diagrams/maps, flowcharts); Earth Harmonies	
Components	
GLE Information Resources	
48. Interpret information from a variety of	
grade-appropriate sources, including	
timelines, charts, schedules, tables,	
diagrams, and maps	
Standard Seven: Students apply reasoning and problem solving skills to reading, writing,	
speaking, listening, viewing, and visually representing	
ELA-7-M1 using comprehension strategies (e.g., 1, 2, 4 All Stations*	
sequencing, predicting, drawing conclusions, Menu	
comparing and contrasting, making Conversion Dinner	
inferences, determining main ideas, Earth Harmonies	
summarizing, recognizing literary devices, Components	

	paraphrasing) in contexts;		
GLE	Reading and Responding 12. Demonstrate understanding of information in grade-appropriate texts using a variety of strategies, including: • Sequencing events and steps in a process • Summarizing and paraphrasing information • Identifying stated an implied main ideas and supporting details for each • Making simple inferences and drawing conclusions • Predicting the outcome of a story or situation with reasonable justification		
ELA-7-M2	problem solving by using reasoning skills, life experiences, accumulated knowledge, and relevant available information;	1, 2, 4	All Stations* Conversion Dinner Menu
GLE	Reading and Responding 13. Examine and explain the relationship between life experiences and texts to generate solutions to problems		Mystery Passenger Earth Harmonies Components

^{*} All Stations include: Sun's Restaurant, Food Factory, Chain Gang, Bucket Brigade, Cradles to Coffins, Best Deal On Earth, Club of Life, Echin, Homes for the Homeless, Guess Who's Coming to Dinner, Missing Passenger, Cliff Hangers, Soil Sinks, All in the Life of a Zork, Tools and Tasks





SUNSHIP EARTH

SOCIAL STUDIES – 5th grade 50% State Content Standards Addressed 2% State Benchmarks Met with Relevant GLEs

Louisia	na Standards and Benchmarks with Relevant GLEs	Foundation Skills	Outdoor Classroom Activity
	Students develop special understandings of connections between people and places,		
G-1D-M1	Analyzing and evaluating the effects of human actions upon the physical environment;	1,2,3,4,5	Echin Food Factory Chain Gang Best Deal on Earth Model Planets Endangered Species Waste Watchers Convention/Pledges Earth Harmonies Components
Economics		-1	
to the inter	Students develop an understanding of funderstanding of individual to the united States and the world.		
E-1A-M1	Describing how the scarcity of resources necessitates decision making at both personal and societal levels;	1,2,4,5	Food Factory Chain Gang Best Deal on Earth Model Planets Endangered Species Waste Watchers Convention/Pledges Earth Harmonies Components





SUNSHIP EARTH

MATHEMATICS – 5TH grade 50% State Content Standards Addressed 28% State Benchmarks Met with Relevant GLEs

Louisian	a Standards and Benchmarks	Foundation	Outdoor Classroom
	with Relevant GLEs	Skills	Activity
	Number Relations	_	
	problem-solving investigations, students		
techniques a	em and communicate the relationships with	ının tnat system	using a variety or
N-4-M	Demonstrating a conceptual understanding of the meaning of the basic arithmetic operations (add, subtract, multiply and divide) and their relationships to each other;	1,2	Chain Gang Soil Sinks Hub Endangered Species
GLE	Number and Number Relations 7. Select, sequence, and use appropriate operations to solve multi-step word problems with whole numbers.		
N-5-M	Applying an understanding of rational numbers and arithmetic operations to reallife situations;	1,2,3,4	Chain Gang Soil Sinks Hub
GLE	Number and Number Relations 7. Select, sequence, and use appropriate operations to solve multi-step word problems with whole numbers. 8. Use the whole number system (e.g., computational fluency, place value, etc.) to solve problems in real-life and other content areas. 10. Determine when an estimate is		Endangered Species

	sufficient and when an exact answer			
	is needed in real-life problems using			
	whole numbers.			
N-6-M	Constructing, using, and explaining procedures to compute and estimate with rational numbers employing mental math strategies;	1,2,3,4	Soil Sinks Chain Gang Sun's Restaurant Best Deal on Earth	
GLE	 Number and Number Relations 9. Use mental math and estimation strategies to predict the results of computations (i.e., whole numbers, addition and subtraction of fractions) and to test the reasonableness of solutions. 10. Determine when an estimate is sufficient and when an exact answer is needed in real-life problems using whole numbers 		Hub Artists and Scientists Endangered Species	
N-7-M	Selecting and using appropriate computational methods and tools for given situations involving rational numbers (e.g., estimation, or exact computation using mental arithmetic, calculator, computer, or paper and pencil);	2,3,4	Soil Sinks Chain Gang Sun's Restaurant Best Deal on Earth Hub Artists and Scientists Endangered Species	
N-8-M	Demonstrating a conceptual understanding and applications of proportional reasoning (e.g., determining equivalent ratios, finding a missing term of a given proportion).	2,4	Bucket Brigade Soil Sinks Chain Gang Sun's Restaurant Best Deal on Earth Hub Artists and Scientists Endangered Species	
Measurement Standard: In problem-solving investigations, students demonstrate an understanding of the concepts, processes, and real-life applications of measurement.				
M-1-M	Applying the concepts of length, area, surface area, volume, capacity, weight, mass, money, time, temperature, and rate to real-world experiences;	2,3,4	Best Deal on Earth Bucket Brigade Artists and Scientists Endangered Species Waste Watchers Earth Harmonies Components	

M-2-M	Demonstrating an intuitive sense of measurement (e.g., estimating and determining reasonableness of measures)	1,2,4	Endangered Species		
GLE	Measurement 18. Estimate time, temperature, weight/mass, and length in familiar situations and explain the reasonableness of answers.				
M-3-M	Selecting appropriate units and tools for tasks by considering the purpose for the measurement and the precision required for the task (e.g., length of a room in feet rather than inches);	2,3,4	Artists and Scientists Endangered Species Earth Harmonies Components		
GLE	Measurement 20. Identify appropriate tools and units with which to measure time, mass, weight, temperature, and length.				
M-6-M	Demonstrating the connection of measurement to the other strands and to real-life situations;	1,2,3,4,5	Best Deal on Earth Bucket Brigade Artists and Scientists Endangered Species Waste Watchers Earth Harmonies Components		
Patterns, Relations, and Functions					
Standard: In problem-solving investigations, students demonstrate an understanding of					
patterns, relations, and functions that represent and explain real-world situations.					
P-3-M	Analyzing relationships to explain how a	1,2,4	Chain Gang		
	change in one quantity results in a change		Sun's Restaurant Waste Watchers		
	in another (e.g., change in the dimensions of a rectangular solid affects the volume);		Earth Harmonies		
	or a rectangular solid affects the volume),		Components		
			Components		

^{*} All Stations include: Sun's Restaurant, Food Factory, Chain Gang, Bucket Brigade, Cradles to Coffins, Best Deal On Earth, Club of Life, Echin, Homes for the Homeless, Guess Who's Coming to Dinner, Missing Passenger, Cliff Hangers, Soil Sinks, All in the Life of a Zork, Tools and Tasks