

Owls, Predators of the Night

Goal		Standard	
Language Arts			
1	Read with fluency and understanding.	1A2a	Read and comprehend unfamiliar words using root words, synonyms, antonyms, word origins and derivations.
		1A2b	Clarify word meaning using context clues and a variety of resources including glossaries, dictionaries and thesauruses.
		1B2a	Establish purposes for reading; survey materials; ask questions; make predictions; connect, clarify and extend ideas.
		1B2c	Continuously check and clarify for understanding (e.g. in addition to previous skills, clarify terminology, seek additional information).
		1C2a	Use information to form and refine questions and predictions.
		1C2d	Summarize and make generalizations from content and relate to purpose of material.
		1C2f	Connect information presented in tables, maps and charts to printed or electronic text.
2	Read and understand literature representative of various societies, eras, and ideas.	2B2a	Respond to literary material by making inferences, drawing conclusions and comparing it to their own experience, prior knowledge and other texts.
3	Write to communicate for a variety of purposes.	3B2a	Generate and organize ideas using a variety of planning strategies (e.g., mapping, outlining, drafting).
4	Listen and speak effectively in a variety of situations.	4A2a	Demonstrate understanding of the listening process (e.g., sender, receiver, message) by summarizing and paraphrasing spoken messages orally and in writing in formal and informal situations.
		4A2b	Ask and respond to questions related to oral presentations and messages in small and large group settings.

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		4A2c	Restate and carry out a variety of oral instructions.
		4B2b	Use speaking skills and procedures to participate in group discussions.
		4B2d	Identify main verbal and nonverbal communication elements and strategies to maintain communications and resolve conflict.
5	Use the language arts to acquire, assess and communicate information.	5A2b	Organize and integrate information from a variety of sources (e.g., books, interviews, library reference materials, websites, CD-ROMs).
Math			
7	Estimate, make and use measurements of objects, quantities and relationships and determine acceptable levels of accuracy.	7A2a	Calculate, compare, and convert length, perimeter, area, weight/mass and volume within the customary and metric systems.
		7B2a	Determine and communicate possible methods for estimating a given measure, selecting proper units in both customary and metric systems.
		7C2a	Describe relationships in a simple scale drawing.
10	Collect, organize, and analyze data using statistical methods; predict results; and interpret uncertainty using concepts of probability.	10A2a	Organize and display data using pictures, tallies, tables, charts, bar graphs, line graphs, line plots and stem-and-leaf graphs.
		10B2a	Formulate questions of interest and select methods to systematically collect data.
		10B2b	Collect, organize and display data using tables, charts, bar graphs, line graphs, circle graphs, line plots and stem-and-leaf graphs.
		10B2d	Interpret results or make relevant decisions based on the data gathered.
		10C2b	Compare the likelihood of events in terms of certain, more likely, less likely or impossible.
Science			
11	Understand the processes of scientific inquiry and technological design to investigate questions, conduct experiments, and solve problems.	11A2a	Formulate questions on a specific science topic and choose the steps needed to answer the questions.

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		11A2b	Collect data for investigations using scientific process skills including observing, estimating, and measuring.
		11A2c	Construct charts and visualizations to display data.
		11A2d	Use data to produce reasonable explanations.
		11A2e	Report and display the results of individual and group investigations.
12	Understand the fundamental concepts, principles, and interconnections of the life, physical, and earth/space sciences.	12A2a	Describe simple life cycles of plants and animals and the similarities and differences in their offspring.
		12B2a	Describe relationships among various organisms in their environments (e.g. predator/prey, parasite/host, food chains and food webs).
		12B2b	Identify physical features of plants and animals that help them live in different environments (e.g., specialized teeth for eating certain foods, thorns for protection, insulation for cold temperature).
13	Understand the relationship among science, technology, and society in historical and contemporary contexts.	13A2a	Demonstrate ways to avoid injury when conducting science activities (e.g., wearing goggles, fire extinguisher use).
		13A2b	Explain why similar investigations may not produce similar results.
		13A2c	Explain why keeping accurate and detailed records is important.
		13B2a	Explain how technology is used in science for a variety of purposes (e.g., sample collection, storage and treatment; measurement; data collection, storage and retrieval; communication of information).
		13B2c	Identify and explain ways that science and technology influence the lives and careers of people.
		13B2e	Identify and explain ways that technology changes ecosystems (e.g., dams, highways, buildings, power plants, communication networks).

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		13B2f	Analyze how specific personal and societal choices that humans make affect local, regional and global ecosystems (e.g., lawn and garden care, mass transit).
Physical Education/Health			
19	Acquire movement skills and understand concepts needed to engage in health-enhancing physical activity.	19A2	Demonstrate control when performing combinations and sequences in locomotor, non-locomotor and manipulative motor patterns.
		19C2a	Identify and apply rules and safety procedures in physical activities.
		19C2b	Identify offensive, defensive and cooperative strategies in selected activities and games.
21	Develop team-building skills by working with others through physical activity.	21A2a	Accept responsibility for their own actions in group physical activities.
		21A2b	Use identified procedures and safe practices without reminders during group physical activities.
		21A2c	Work independently on task until completed.
		21B2	Work cooperatively with a partner or small group to reach a shared goal during physical activity.
22	Understand principles of health promotion and the prevention and treatment of illness and injury.	22C2	Explain interrelationships between the environment and individual health (e.g., pollution and respiratory problems, sun and skin cancer).
Fine Arts			
25	Know the language of the arts.	25A2d	Visual Arts: Identify and describe the elements of 2-and 3-dimensional space, figure ground, value and form; the principles of rhythm, size, proportion and composition; and the expressive qualities of symbol and story.