

Water! Water! (Grades 4-6)

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).
		1B2d	Read age appropriate material aloud with fluency and accuracy.
		1C2a	Use information to form and refine questions and predictions.
		1C2b	Make and support inferences and form interpretations about main themes and topics.
		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.
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.

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		4A2b	Ask and respond to questions related to oral presentations and messages in small and large group settings.
		4A2c	Restate and carry out a variety of oral instructions.
		4B2a	Present oral reports to an audience using correct language and nonverbal expressions for the intended purpose and message within a suggested organized format.
		4B2b	Use speaking skills and procedures to participate in group discussions.
5	Use the language arts to acquire, assess and communicate information.	5C2b	Prepare and deliver oral presentations based on inquiry or research.
Math			
10	Collect, organize, and analyze data using statistical methods; predict results; and interpret uncertainty using concepts of probability.	10A2c	Make predictions and decisions based on data and communicate their reasoning.
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.
		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.	12C2a	Describe and compare types of energy including light, heat, sound, electrical and mechanical.
		12C2b	Describe and explain the properties of solids, liquids and gases.
		12E2a	Identify and explain natural cycles of the Earth's land, water and atmospheric systems (e.g., rock cycle, water cycle, weather patterns).
		12E2b	Describe and explain short-term and long-term interactions of the Earth's components (e.g., earthquakes, types of erosion).
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).

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		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).
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 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.
		21B2	Work cooperatively with a partner or small group to reach a shared goal during physical activity.
22	Understand the 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).
24	Promote and enhance health and well-being through the use of effective communication and decision-making skills.	24A2b	Demonstrate positive verbal and nonverbal communication skills (e.g., polite conversation, attentive listening, body language).
Fine Arts			
26	Through creating and performing, understand how works of art are produced.	26B2a	Dance: Demonstrate control, coordination, balance, elevation and accuracy in rhythmic response and awareness of choreographic form.