

## Fantastic Food Webs

Goal		Standard	
<b>Language Arts</b>			
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.
		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.
2	Read and understand literature representative of various societies, eras and ideas.	2B2a	Respond to literary material by making references, 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.
		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.
		4B2b	Use speaking skills and procedures to participate in group discussions.

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<b>Math</b>			
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.
		10B2d	Interpret results or make relevant decisions based on the data gathered.
<b>Science</b>			
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.
		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.	12B2a	Describe the 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).
		12C2a	Describe and compare types of energy including light, heat, sound, electrical and mechanical.
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).
		13A2c	Explain why keeping accurate and detailed records is important.
		13B2b	Describe the effects on society of scientific and technological innovations (e.g., antibiotics, steam engine, digital computer).

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		13B2e	Identify and explain ways that technology changes ecosystems (e.g., dams, highways, buildings, communication networks, power plants).
<b>Physical Education/Health</b>			
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 games and activities.
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).
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).