

## Marvelous Mammals

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.
		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.
		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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5	Use the language arts to acquire, assess and communicate information.	5C2b	Prepare and deliver oral presentations based on inquiry or research.
<b>Math</b>			
6	Demonstrate and apply a knowledge and sense of numbers, including numeration and operations (addition, subtraction, multiplication, and division), patterns, ratios, and proportions.	6B2	Solve one- and two-step problems involving whole numbers, fractions and decimals using addition subtraction, multiplication and division.
		6C2a	Select and perform computational procedures to solve problems with whole numbers, fractions and decimals.
		6C2b	Show evidence that computational results using whole numbers, fractions and decimals are correct and/or that estimates are reasonable.
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.
<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.
		11A2b	Collect data for investigations using scientific process skills including observing, estimating, and measuring.
		11A2d	Use data to produce reasonable explanations.
12	Understand the fundamental concepts, principles, and interconnections of the life, physical, and earth/space sciences.	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).
		12C2a	Describe and compare types of energy including light, heat, sound, electrical, and mechanical.

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13	Understand the relationship among science, technology, and society in historical and contemporary contexts.	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).
<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.
21	Develop team-building skills by working with others through physical activity.	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.
24	Promote and enhance health and well-being through the use of effective communication and decision-making skills.	24A2b	Demonstrate positive verbal and non-verbal communication skills (e.g., polite conversation, attentive listening, body language).