

# Overview Chart

# Science 2, Box 1

Title	Genre – Writing Form	GR Level	DRA	Science Standards	Curriculum Focus Science	Comprehension	Language & Vocabulary	Writing	Extension
<b>Blow, Wind, Blow</b>	descriptive report, “Did You Know?” text	M	20–24	Earth and Space Science – compare techniques and forces needed to move objects	wind power, forces in nature	comparing and contrasting	common initial blends	writing an imaginary story	outlining a windy sport
<b>Down, Down, Down</b>	explanatory report, “It’s a Fact!” text	M	24–28	Physical Science – compare techniques and forces needed to move objects	gravity in different situations	writing fascinating facts about gravity	using apostrophes to show possession	writing an imaginary “What If” story	drawing a diagram
<b>Eye-Openers</b>	explanation, “Eye-Openers” facts	M	20–24	Life Science – investigate specialized structures that help animals survive	how eyes function in people and animals	finding advantages and disadvantages	syllabification	“Did You Know?” statements	eye-test experiment
<b>Eyes and Ears in Space</b>	descriptive report, ongoing time line	L	20–24	Science and Technology – understand technological advances in communications and explain how they affect society	satellites – advancements in technology	finding supporting details	verb tenses	writing a list	researching Hubble Space Telescope facts
<b>Growing and Changing</b>	descriptive report, life-cycle examples	L	20–24	Life Science – understand that organisms have life cycles	life cycles of organisms	comparing life cycles	adding adjectives	writing about an animal parent	categorizing animals
<b>How Turtle Flew South for the Winter</b>	traditional tale, explanation	M	20–24	Life Science – describe behaviors of animals as they find food, water, shelter from the environment	migration, hibernation	explaining animal behavior	verbs and adverbs	writing a “Why” story	finding collective nouns
<b>In Dinosaur Times</b>	descriptive report, pronunciation keys	L	20–24	Life and Earth Science – explain how fossils provide evidence of Earth’s history	dinosaur facts, how they lived, extinction theories	searching for specific text information	writing plurals	writing persuasive text about dinosaur extinction	making a dinosaur habitat
<b>Plant Works</b>	descriptive report, sequenced text	L	20–24	Life Science – differentiate unique characteristics of plants; life cycles of plants	plant growth and reproduction	summary sentences	rewriting scrambled words	writing a plant job description	seed germination experiment
<b>Sense That!</b>	explanation, procedural text	M	20–24	Life Science – investigate specialized structures that help animals survive	exploring the five senses	recalling important information	categorizing words	writing a description	making a string telephone
<b>Shaping Our World</b>	explanation, procedural text	L	20–24	Earth and Space Science – describe ways that Earth’s surface is constantly changing	natural forces that shape the world	summarizing main points	categorizing vocabulary	describing a place and writing reasons	creating a map with a key
<b>The Shape of Shadows</b>	explanation, procedural text	M	20–24	Physical Science – explore the characteristics of light	shadows, the characteristics of light	composing questions for stated answers	degrees of comparison of adjectives	writing an imaginary story	measuring changing nature of shadows
<b>Watery Worlds</b>	descriptive report, “Can You Find?” text	K	16–18	Life Science – describe behaviors of animals as they find food, water, shelter from the environment	adaptation to watery environments	categorizing information	alphabetical order of compound words	writing signs	composing a glossary

# Overview Chart

# Science 2, Box 2

Title	Genre – Writing Form	GR Level	DRA	Science Standards	Curriculum Focus Science	Comprehension	Language & Vocabulary	Writing	Extension
<b>Down the Drain</b>	explanation, “Fun Tips for Plumbers” text	K	16–18	Science and Technology – understand the role of technology in the water supply	properties of water, water cycle	summarizing main points from the text	recalling and recording words with common rimes	recording fun tips about water activities	writing an imaginary story
<b>Keeping Clean</b>	persuasive report, “Did You Know?” text	K	16–18	Life Science – describe different behaviors of organisms in different environments	how humans and different animals stay clean	deciding if statements are true or false	completing a word puzzle	composing instructional text	explaining how different animals keep clean
<b>Let’s Talk Tigers</b>	descriptive report, “Did You Know?” fact	J	16–18	Life Science – describe behaviors of animals as they find food, water, shelter from the environment	tigers – adaptation to environment, endangerment	completing a quick quiz about tigers	using the Glossary to rewrite text	writing information about tigers in report form	composing a letter to the newspaper
<b>Little Giants</b>	descriptive report, facts as captions	K	16–18	Life Science/Conservation – explain human impact on the environment	giant pandas – caring for young animals	organizing information about giant pandas	recognizing letter patterns in a word search	sequencing text about caring for giant pandas	researching endangered animals
<b>On the Move</b>	descriptive report, use of labels	J	16–18	Life Science – how specialized structures of animals are especially suited to certain environments	different types of animal movement	matching types of movement to specific animals	adding adverbs to verbs from the book	writing a set of questions to compose riddles	testing different forms of movement
<b>Scaly Animals</b>	explanation, sidebar facts	L	20–24	Life Science – describe behaviors of animals as they find food, water, shelter from the environment	comparing reptiles, fish, mammals, and insects	locating and recording facts	composing alliterative adjectives	writing “What Am I?” clues	researching a scaly animal
<b>S-s-s-snakes</b>	explanation, “Did You Know?” facts	J	16–18	Life Science – describe behaviors of animals as they find food, water, shelter from the environment	snakes – adapting to the environment	finding and recording information	locating words beginning with “s”	finding and recording fascinating facts	making a rattlesnake
<b>Talking Teeth</b>	persuasive report, instructions, comparative text	L	20–24	Life Science – identify specialized structures that help animals survive	human and animal teeth, caring for our teeth	completing a fact web about teeth	rewriting scrambled sentences	categorizing types of food	composing an advertising poster
<b>The Chicken House</b>	contemporary narrative, sidebar facts	J	16–18	Life Science – describe behaviors of animals as they find food, water, shelter from the environment	how animals adapt to their environment	sequencing selected text	matching words to given definitions	designing and describing a chicken house	recalling and recording animal noises
<b>Trees Are Terrific</b>	informational text, cartoon format, “How Trees Make Food” text	L	20–24	Life Science – explore the life cycles of different organisms, including plants	importance of trees to a range of species	writing supporting details	recalling words with common initial blends	listing ways trees are useful	forming and justifying an opinion
<b>True or False?</b>	investigative true/false report	M	20–24	Life Science – differentiate unique characteristics of organisms, including plants and animals	Q&A about animals and plants	finding interesting facts about animals	recognizing letter patterns in a word search	writing true and false statements	composing and writing extra material
<b>Who Lives at the North Pole?</b>	descriptive report, food-chain text	L	20–24	Life Science – how animals adapt to their environment	Arctic animals – coping with extremes	finding the answers to a range of questions	finding antonyms and using them in sentences	composing rhyming couplets	constructing a food chain

# Overview Chart

# Social Studies 2, Box 1



Title	Genre – Writing Form	GR Level	DRA	Social Studies Standards	Curriculum Focus Social Studies	Comprehension	Language & Vocabulary	Writing	Extension
<b>A World of Farms</b>	descriptive report, sidebar facts about machines	K	24–28	Global Connections – how climate and physical landscape affect land use	different types of farms	locating and recording information	completing a crossword puzzle	writing a plan for a healthy day's meals	finding out more about farm machinery
<b>Cheese, Please!</b>	exploratory report, information in speech bubbles	J	16–18	Production, Distribution, and Consumption – how technology has changed the way we do things and the way we live	how cheese is made – impact of technology	sequencing cheese-making steps	recognizing rhyming words and spelling patterns	organizing information as a recipe	recognizing letter patterns in a word search
<b>Danger Zone</b>	keeping safe in a variety of situations	L	24–28	Power, Authority, and Governance – safety in the home, on the road, out and about	keeping safe in a variety of situations	completing a quick quiz	rewriting complex text as simple statements	summarizing information as a set of safety rules	writing about how to prevent accidents
<b>Don't Be a Couch Potato</b>	descriptive report, speech bubbles with short poems	K	18–20	Global Connections – participate in activities with people from diverse backgrounds	games – how these help to transmit culture	locating specific information	using rules for adding “ing”	composing verse using color words	choosing from a range of activities
<b>Earth's Caretakers</b>	persuasive report, instructional text	L	20–24	Global Connections – understand the problem of pollution	care for environment – recycling	categorizing information	proofreading a passage from the book	writing an acrostic poem	making a poster
<b>Eggs for Sale</b>	contemporary narrative, circled questions	K	16–18	Production, Distribution, and Consumption – role of money and competition; role of price in the market	working together to plan and sell a product – eggs	completing a story staircase	recalling punctuation when writing quotations	recognizing main points when designing a sign	exploring opinions about charities
<b>Hurricane!</b>	explanation, “Eye on the Sky” facts	L	20–24	Individuals, Groups, and Organizations – observe and record weather changes in the local environment; how groups work together to share information	hurricanes – working together to report weather	completing a quick quiz	composing alliterative adjectives	recording hurricane dangers and safety tips	keeping a record of a week's weather
<b>Music Makers</b>	descriptive report, facts in captions	K	16–18	Culture – demonstrate an awareness of the world beyond oneself; know how language, art, and music can connect people	cultural importance of music	categorizing musical instruments	recognizing and using compound words	describing favorite music in a report format	making musical instruments
<b>Out and About in D.C.</b>	descriptive report, sidebar facts	L	20–24	Global Connections – participate in trips to places in the community and relate what has been seen	main sites of interest in Washington, D.C.	answering multiple-choice questions	writing common and proper nouns	writing about events using a diary format	highlighting local places of interest
<b>Puffin Rescue</b>	descriptive report, facts in captions	K	18–20	Global Connections – discuss global issues, e.g., endangered species	puffin lifestyles – endangered species	completing a puffin fact web	recognizing nouns	organizing information in an interview	making a bird poster
<b>Rodeo Rider</b>	descriptive third-person report, speech bubbles	J	16–18	Global Connections – demonstrate an awareness of the world beyond oneself	life on a ranch – how environment influences life	recalling and recording information	synonyms and antonyms	organizing information in the form of a plan	completing bilingual speech bubbles
<b>Wheels, Wheels, Wheels</b>	explanation, sidebar facts, answer key	K	16–18	Time, Continuity, and Change – describe one technological breakthrough and how it has affected our world and society	wheels – development and importance	categorizing objects with wheels	proofreading a passage from the book	writing a list of consequences	making a waterwheel

# Overview Chart

# Social Studies 2, Box 2



Title	Genre – Writing Form	GR	DRA	Social Studies Standards	Curriculum Focus Social Studies	Comprehension	Language & Vocabulary	Writing	Extension
<b>Bike Boy's Scrapbook</b>	descriptive report, scrapbook format, speech bubbles	J	16–18	Civic Ideals and Practices – understand rights and responsibilities	use of bikes for farm work – safety and care	finding supporting statements	recognizing past- and present-tense verbs	organizing information in a “To Do” list	making a scrapbook page
<b>Finding the Dinosaurs</b>	contemporary narrative, explanation	K	16–18	Space and Place – introduction to keys, map-reading, making maps	exploring maps – inside a museum	searching for specific information	recognizing and using contractions	sequencing text as a set of directions	researching clothing from around the world
<b>It's About Time!</b>	explanation, facts written as “Time Tips”	M	24–28	Time, Continuity, and Change – use correct vocabulary associated with time	timepieces throughout the ages	understanding different timepieces	recognizing letter patterns in a word search	explaining favorite times	telling the time
<b>My Place</b>	e-mail-style report	K	16–18	Global Connections – living and working together in families and communities today	understanding daily life in different places	composing questions for given answers	finding antonyms	organizing information in an interview	writing an e-mail
<b>On the Job</b>	explanation, sidebar facts	K	18–20	Global Connections – list ways communities depend on human and natural resources	exploring a range of jobs – what they have in common	matching jobs to job descriptions	changing verbs to nouns	writing about an imaginary job	discussing how jobs change with time
<b>Stars, Stripes, and Skyrockets</b>	explanation, facts in captions	M	20–24	U.S. History/Culture – know that cultural characteristics include customs, folktales, art, nationalism, and traditions	cultural customs and characteristics – U.S.A.	recording information as fun facts	recognizing letter patterns when word building	writing a letter	making a personal flag
<b>The First Thanksgiving</b>	dramatic recount, time line, sidebar facts	L	24–28	Time, Continuity, and Change – events and concepts that change the course of history	narrative exploring the arrival of the Pilgrims	recording details	writing text in first and third person	using text facts to compose an imaginary story	writing a personal time line
<b>The Lion Dance</b>	descriptive report, “Did You Know?” circles	L	20–24	Global Connections/U.S. History – participate in activities with people from diverse backgrounds, and compare roles, customs, and activities	cultural festivals – family fun	answering multiple-choice questions	recognizing letter patterns in a word search	composing a four-line rhyming poem	recalling a family celebration
<b>The People of the First Light</b>	historical narrative, sidebar facts	M	20–24	U.S. History/Culture – understand family life now and in the past	life and culture of Native Americans	recording information	using adjectives to enhance text	sequencing events using a diary format	making a poster
<b>The World on Your Plate</b>	descriptive report, captions	L	20–24	Production, Distribution, and Consumption – how goods and services are interconnected on a global scale	different meals, recipes from around the world	locating and categorizing information	locating specific text to compose a mini-glossary	composing a menu of international foods	making a bar graph of student preferences
<b>What's in the Mail?</b>	explanation, different “mail” styles	M	20–24	Science, Technology, and Society – explain how technological developments have changed the way in which individuals and group needs are met	types of mail – purposes and usage	matching items with descriptions	composing and rewriting text messages	writing in a postcard format	comparing snail mail and e-mail
<b>White Doves</b>	descriptive report, cartoon text	L	20–24	Civic Ideals and Practices – understand rights and responsibilities	hobbies – looking after doves	sequencing selected text	writing coded messages	composing précis-type messages	designing a board game