



SCHOLASTIC PAPERBACKS MEET YOUR STANDARDS!

Scholastic Paperbacks Correlated to the Georgia Science Content Standards Grade 5

TITLE*	AUTHOR	F/NF	GENRE	AGES	LEXILE	GRL	DRA	ITEM#	PRICE\$**	QTY#	TOTAL\$
Earth Science											
S5E1. Students will identify surface features of the Earth caused by constructive and destructive processes.											
a. Identify surface features caused by constructive processes.											
• Deposition; Earthquakes; Volcanoes; Faults											
b. Identify and find examples of surface features caused by destructive processes.											
• Erosion; Weathering; Impact of organisms; Earthquake; Volcano											
c. Relate the role of technology and human intervention in the control of constructive and destructive processes.											
Volcanoes and Earthquakes	Lauber	NF	Science, non-fiction	9-12	840	S	44/50	YSB42592	\$4.99		
Earthquakes	Simon	NF	Science, non-fiction	7-9	1010	T	44/50	YSB926097	\$4.50		
Why Do Volcanoes Blow Their Tops? Questions and Answers About Volcanoes and Earthquakes	Berger	NF	Science, non-fiction	7-10	750			YSB914878	\$5.95		
If You Lived at the Time of the Great San Francisco Earthquake	Levine	NF	Biography, Historical	7-10	760	P	34-38	YSB45157	\$5.99		
Earthquakes: A True Book™ — Earth Science	Sipiera	NF	Science, non-fiction	8-10		M	24-28	YSB383856	\$6.95		
Floods: A True Book™ — Earth Science	Sipiera	NF	Science, non-fiction	8-10		M	24-28	YSB383858	\$6.95		
Volcanoes: A True Book™ — Earth Science	Clarke	NF	Science, non-fiction	7-10	740	M	24-28	YSB383868	\$6.95		
Wildfires: A True Book™ — Earth Science	Sipiera	NF	Science, non-fiction	8-10	690	M	24-28	YSB383869	\$6.95		
Hurricanes Have Eyes but Can't See And Other Amazing Facts About Wild Weather: Speedy Facts	Berger	NF	Science, non-fiction	8-11	850	P	34-38	YSB962534	\$5.95		
Twister Trouble: The Magic School Bus® Chapter Books	Schreiber	NF	Science, non-fiction	7-9	520	O	34-38	YSB920419	\$4.99		
Voyage to the Volcano: The Magic School Bus® Chapter Books	Stamper	NF	Science, non-fiction	7-9	620	P	34-38	YSB942935	\$4.99		
Natural Disasters: True Tales	Boskey	NF	Science, non-fiction	8-11	570	N	30	YSB427170	\$3.95		
Grand Canyon National Park	Petersen	NF	Science, non-fiction	8-10		O	34-38	YSB384536	\$6.95		
Bryce Canyon National Park	Petersen	NF	Science, non-fiction	8-10	920	P	34-38	YSB383542	\$6.95		
Arches National Park	Petersen	NF	Social Studies, non-fiction	8-10		O	34-38	YSB383988	\$6.95		

Physical Science

S5P1. Students will verify that an object is the sum of its parts.

a. Demonstrate that the mass of an object is equal to the sum of its parts by manipulating and measuring different objects made of various parts.

b. Investigate how common items have parts that are too small to be seen without magnification.

Growing Crystals: A True Book™ - Earth Science	Squire	NF	Science, non-fiction	8-10	960	O	34-38	YSB414449	\$6.95		
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S5P2. Students will explain the difference between a physical change and a chemical change.

a. Investigate physical changes by separating mixtures and manipulating (cutting, tearing, folding) paper to demonstrate examples of physical change.

b. Recognize that the changes in state of water (water vapor/steam, liquid, ice) are due to temperature differences and are examples of physical change.

c. Investigate the properties of a substance before, during, and after a chemical reaction to find evidence of change.

From Cow to Ice Cream: Changes	Knight	NF	Science, non-fiction	7-9	710	N	30	YSB383514	\$6.95		
From Glass to Boat: Changes	Purcell	NF	Science, non-fiction	7-9				YSB380672	\$6.95		
From Metal to Music: Changes	Davis	NF	Science, non-fiction	7-9				YSB383516	\$6.95		
From Mud to House: Changes	Knight	NF	Science, non-fiction	7-9				YSB380670	\$6.95		
From Plant to Blue Jeans: Changes	L'Hommedieu	NF	Science, non-fiction	7-9	510	Q	40	YSB380671	\$6.95		
From Wax to Crayon: Changes	Forman	NF	Science, non-fiction	7-9		M	24-28	YSB380668	\$6.95		
From Wheat to Pasta: Changes	Egan	NF	Science, non-fiction	7-9				YSB383517	\$6.95		
Materials and Processes: Straightforward Science	Riley	NF	Science, non-fiction	8-10	740	U	44/50	YSB396707	\$6.95		

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S5P3. Students will investigate the electricity, magnetism and their relationship.											
a. Investigate static electricity.											
b. Determine the necessary components for completing an electric circuit.											
c. Investigate common materials to determine if they are insulators or conductors of electricity.											
d. Compare a bar magnet to an electromagnet.											
Experiments With Electricity: A True Book™ — Science Experiments	Tocci	NF	Science, non-fiction	8–10	690	N	30	YSB412500	\$6.95		
Science Experiments with Electricity: Science Experiments	Jackson	NF	Science, non-fiction	8–10	770	R	40	YSB396760	\$6.95		
Science Experiments with Magnets: Science Experiments	Jackson	NF	Science, non-fiction	8–10	790	P	34-38	YSB396752	\$6.95		
Electricity: Straightforward Science	Riley	NF	Science, non-fiction	8–10	890	S	44/50	YSB396704	\$6.95		
The Story of Thomas Alva Edison, Inventor: The Wizard of Menlo Park	Davidson	NF	Biography, Science	7–10	410	P	34-38	YSB42403	\$4.50		
What's the Big Idea, Ben Franklin?	Fritz	NF	Biography, Historical	8–12	830	O	34-38	YSB41205	\$5.95		
A Picture Book of Benjamin Franklin: A Picture Book of...	Adler	NF	Biography, Historical	6–9	730	O	34-38	YSB55906	\$5.95		

Life Science

S5L1. Students will classify organisms into groups and relate how they determined the groups with how and why scientists use classification.

a. Demonstrate how animals are sorted into groups (vertebrate and invertebrate) and how vertebrates are sorted into groups (fish, amphibian, reptile, bird, and mammal).

b. Demonstrate how plants are sorted into groups.

Camels and Pigs: Animals in Order	Swan	NF	Science, non-fiction	11–14		R	40	YSB397231	\$6.95		
Cicadas and Aphids: Animals in Order	Miller	NF	Science, non-fiction	11–14		R	40	YSB397140	\$6.95		
Crabs, Lobsters, and Shrimps: Animals in Order	Lassieur	NF	Science, non-fiction	9–11	1050	R	40	YSB426383	\$6.95		
Anteaters, Sloths, and Armadillos: Animals in Order	Squire	NF	Science, non-fiction	11–14		R	40	YSB397138	\$6.95		
Ants, Bees, and Wasps of North America: Animals in Order	Miller	NF	Science, non-fiction	9–11	920	R	40	YSB426382	\$6.95		
Frogs and Toads: Animals in Order	Miller	NF	Science, non-fiction	11–14		R	40	YSB397321	\$6.95		
Grasshoppers and Crickets of North America: Animals in Order	Miller	NF	Science, non-fiction	9–11	850	R	40	YSB417878	\$6.95		
Horses and Rhinos: Animals in Order	Miller	NF	Science, non-fiction	11–14		R	40	YSB397232	\$6.95		
Land Predators of North America: Animals in Order	Swan	NF	Science, non-fiction	11–14		R	40	YSB397141	\$6.95		
Moles and Hedgehogs: Animals in Order	Miller	NF	Science, non-fiction	11–14		R	40	YSB395756	\$6.95		
Octopuses, Squids, and Cuttlefish: Animals in Order	Trueit	NF	Science, non-fiction	9–11	990	R	40	YSB417877	\$6.95		
Primates: Animals in Order	Swan	NF	Science, non-fiction	11–14		R	40	YSB397119	\$6.95		
Rodents: Animals in Order	Miller	NF	Science, non-fiction	11–14		R	40	YSB397118	\$6.95		
Seahorses, Pipefishes, and Their Kin: Animals in Order	Miller	NF	Science, non-fiction	9–11	920	R	40	YSB417876	\$6.95		
Snakes and Lizards: Animals in Order	Miller	NF	Science, non-fiction	11–14		R	40	YSB397277	\$6.95		
Mammals: A True Book™ — Animals	Stewart	NF	Science, non-fiction	8–10		M	24-28	YSB383455	\$6.95		
Reptiles: A True Book™ — Animals	Stewart	NF	Science, non-fiction	8–10	810	M	24-28	YSB383456	\$6.95		
Insects: A True Book™ — Animals	Stewart	NF	Science, non-fiction	8–10		N	30	YSB383454	\$6.95		
Birds: A True Book™ — Animals	Stewart	NF	Science, non-fiction	8–10		M	24-28	YSB383457	\$6.95		

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Flies: Animals in Order	Miller	NF	Science, non-fiction	11-14		R	40	YSB397117	\$6.95		
Amphibians: A True Book™ — Animals	Stewart	NF	Science, non-fiction	8-10	870	N	30	YSB383453	\$6.95		
Frogs and Toads: Animals in Order	Miller	NF	Science, non-fiction	11-14		R	40	YSB397321	\$6.95		
Grasshoppers and Crickets of North America: Animals in Order	Miller	NF	Science, non-fiction	9-11	850	R	40	YSB417878	\$6.95		
Horses and Rhinos: Animals in Order	Miller	NF	Science, non-fiction	11-14		R	40	YSB397232	\$6.95		
Land Predators of North America: Animals in Order	Swan	NF	Science, non-fiction	11-14		R	40	YSB397141	\$6.95		
Moles and Hedgehogs: Animals in Order	Miller	NF	Science, non-fiction	11-14		R	40	YSB395756	\$6.95		
Octopuses, Squids, and Cuttlefish: Animals in Order	Trueit	NF	Science, non-fiction	9-11	990	R	40	YSB417877	\$6.95		
Owls: Animals in Order	Miller	NF	Science, non-fiction	11-14		R	40	YSB397322	\$6.95		
Parrots Around the World: Animals in Order	Rauzon	NF	Science, non-fiction	11-14		R	40	YSB395757	\$6.95		
Penguins: Animals in Order	Swan	NF	Science, non-fiction	9-11	1050	R	40	YSB426384	\$6.95		
Perching Birds of North America: Animals in Order	Miller	NF	Science, non-fiction	11-14		R	40	YSB397142	\$6.95		
Salamanders: Animals in Order	Miller	NF	Science, non-fiction	11-14		R	40	YSB397233	\$6.95		
Scorpions: Animals in Order	Lassieur	NF	Science, non-fiction	11-14		R	40	YSB397323	\$6.95		
Shorebirds: Animals in Order	Miller	NF	Science, non-fiction	11-14		R	40	YSB397324	\$6.95		
Spiders of North America: Animals in Order	Squire	NF	Science, non-fiction	11-14		R	40	YSB397278	\$6.95		
True Bugs: Animals in Order	Miller	NF	Science, non-fiction	11-14		R	40	YSB397120	\$6.95		
Turtles: Life in a Shell: Animals in Order	Miller	NF	Science, non-fiction	11-14		R	40	YSB397143	\$6.95		
Wading Birds: Animals in Order	Miller	NF	Science, non-fiction	11-14				YSB395758	\$6.95		
Waterfowl: Animals in Order	Miller	NF	Science, non-fiction	11-14		R	40	YSB397234	\$6.95		
Whales and Dolphins: What They Have in Common: Animals in Order	Gowell	NF	Science, non-fiction	11-14	810	R	40	YSB397283	\$6.95		
Woodpeckers, Toucans, and Their Kin: Animals in Order	Miller	NF	Science, non-fiction	9-11	900	R	40	YSB426385	\$6.95		
Bats: Animals in Order	Sway, Ph.D.	NF	Science, non-fiction	11-14		R	40	YSB397139	\$6.95		
Beetles: Animals in Order	Miller	NF	Science, non-fiction	11-14		R	40	YSB395755	\$6.95		
Lemurs, Lorises, and Other Lower Primates: A True Book™ — Animals	Martin	NF	Science, non-fiction	8-10		N	30	YSB384310	\$6.95		
Alligators and Crocodiles: Special X-Ray Vision: Scary Creatures	Bergin	NF	Science, non-fiction	8-10	920	N	30	YSB414533	\$6.95		
Bats: Special X-Ray Vision: Scary Creatures	Gilpin	NF	Science, non-fiction	7-9				YSB438299	\$6.95		
Bears: Special X-Ray Vision: Scary Creatures	Bergin	NF	Science, non-fiction	8-10	860	N	30	YSB414532	\$6.95		
Big Cats: Special X-Ray Vision: Scary Creatures	Clarke	NF	Science, non-fiction	8-10	900	N	30	YSB414534	\$6.95		
Birds of Prey: Special X-Ray Vision: Scary Creatures	Legg	NF	Science, non-fiction	7-9				YSB438300	\$6.95		
Dinosaurs: Special X-Ray Vision: Scary Creatures	Bergin	NF	Science, non-fiction	8-10	770	N	30	YSB414536	\$6.95		
Octopuses and Squid: Special X-Ray Vision: Scary Creatures	Legg	NF	Science, non-fiction	7-9				YSB438301	\$6.95		
Rats: Special X-Ray Vision: Scary Creatures	Legg	NF	Science, non-fiction	8-10	890	N	30	YSB414537	\$6.95		
Sharks: Special X-Ray Vision: Scary Creatures	Bergin	NF	Science, non-fiction	8-10	900	N	30	YSB414531	\$6.95		

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Snakes Alive: Special X-Ray Vision: Scary Creatures	Bergin	NF	Science, non-fiction	8-10	830	N	30	YSB414530	\$6.95		
Spiders, Insects, and Minibeasts: Special X-Ray Vision: Scary Creatures	Bergin	NF	Science, non-fiction	8-10	890	N	30	YSB414535	\$6.95		
Wolves: Special X-Ray Vision: Scary Creatures	Clarke	NF	Science, non-fiction	7-9				YSB438302	\$6.95		
How Do Bats See in the Dark? Questions and Answers about Night Creatures: Scholastic Q & A	Berger	NF	Science, non-fiction	7-10	870	P	34-38	YSB922904	\$5.95		
What Do Sharks Eat for Dinner? Questions and Answers about Sharks: Scholastic Q & A	Berger	NF	Science, non-fiction	7-10	890	P	34-38	YSB922905	\$5.95		
Penguins Swim but Don't Get Wet And Other Amazing Facts about Polar Animals: Speedy Facts	Berger	NF	Science, non-fiction	8-11	960	S	44/50	YSB932783	\$6.95		

S5L2. Students will recognize that offspring can resemble parents in inherited traits and learned behaviors.

a. Compare and contrast the characteristics of learned behaviors and of inherited traits.

b. Discuss what a gene is and the role genes play in the transfer of traits.

Teacher note: Be sensitive to this topic since biological parents may be unavailable.

Animal Babies: A True Book™ — Animals	Squire	NF	Science, non-fiction	8-10	880	M	24-28	YSB412465	\$6.95		
All About Alligators: All About Animals	Arnosky	NF	Science, non-fiction	7-9	770	M	24-28	YSB46789	\$4.95		
All About Lizards: All About Animals	Arnosky	NF	Science, non-fiction	7-9				YSB48146	\$4.95		
All About Turtles: All About Animals	Arnosky	NF	Science, non-fiction	7-9	840	P	34-38	YSB69781	\$4.95		
Penguins!	Gibbons	NF	Science, non-fiction	7-9	610	O	34-38	YSB906132	\$4.95		
Other Amazing Facts About the Human Body: Speedy Facts	Berger	NF	Science, non-fiction	8-11	820	P	34-38	YSB954978	\$7.99		

S5L3. Students will diagram and label parts of various cells (plant, animal, single-celled, multi-celled).

a. Use magnifiers such as microscopes or hand lenses to observe cells and their structure.

b. Identify parts of a plant cell (membrane, wall, cytoplasm, nucleus, chloroplasts) and of an animal cell (membrane, cytoplasm, and nucleus) and determine the function of the parts.

c. Explain how cells in multi-celled organisms are similar and different in structure and function to single-celled organisms.

From Seed to Plant	Gibbons	NF	Science, non-fiction	5-8	660	N	30	YSB63892	\$4.95		
I Wonder Why Snakes Shed Their Skins: and Other Questions about Reptiles	O'Neill	NF	Science, non-fiction	7-9	830	O	34-38	YSB03911	\$4.95		
Experiments With Plants: A True Book™ — Science Experiments	Tocci	NF	Science, non-fiction	8-10	700	N	30	YSB412503	\$6.95		
Plant Life: L Straightforward Science	Riley	NF	Science, non-fiction	8-10	880	O	34-38	YSB396711	\$6.95		
Douglas Fir: Habitats	Davis	NF	Science, non-fiction	7-9				YSB383512	\$6.95		
Saguaro Cactus: Habitats	Berquist	NF	Science, non-fiction	7-9	840	N	30	YSB383513	\$6.95		

S5L4. Students will relate how microorganisms benefit or harm larger organisms.

a. Identify beneficial microorganisms and explain why they are beneficial.

b. Identify harmful microorganisms and explain why they are harmful.

Giant Clams and Algae, A Book About Nature's Strange Relationships: Momentum	Graham	NF	Science, non-fiction	10-12				YSB964896	\$5.50		
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