

McGraw-Hill Science © 2002
Grade-Level Science Books – Grade 5 Leveling Chart

Book Title	Summary	Level
Unit A		
The Power of Green	Students are introduced to the process of photosynthesis, which creates oxygen for us to breathe as well as food for plants, animals, and ourselves. They visit various sites around the globe and see that the process takes place constantly.	U
Jonathan Chapman: The Appleseed Man	Jonathan Chapman loved apples so much that he planted them all over the West. Legends grew up around him, and he became known as Johnny Appleseed.	S
Dino Flight	This account of the ancestry of birds describes how scientists have traced three separate and independent origins of flight among vertebrates.	U
Unit B		
The Eagles are Back!	This book explains how the process of hacking enabled two eagles to be raised in a safe place and then be released to live in the wild.	T
Wildfire: Battling the Westhampton Fire	This is the true story of a wildfire that consumed 5,000 acres of Westhampton, Long Island, New York, in August of 1995.	T
Antarctica	This book describes the special geographical features and plant and animal life found on the continent of Antarctica.	V
Unit C		
2061: Photographing Mars	Read about a teacher's trip to Mars. This futuristic adventure seems not so far away as it may once have.	R
Our Riverkeeper	One day when Carmen and her friends are picnicking along the riverbank, they notice a strong smell coming from a drainpipe and report it to Riverkeeper Skip Johns. They learn all about pollution and its effect on their river and its resources.	V
Quinto's Volcano	A boy overcomes his fear of the sea and saves his whole village from the eruption of a volcano. It is a story of courage in the face of an unstoppable natural force.	U
Unit D		
The Sky-Watchers	When the radio forecasts snow, Luke makes a prediction on his school bus that there will not be school the next day. Stacy challenges him. When she proves to be right, she invites him home and introduces him to her family's weather station.	T
Trouble at Forest Park	Trina is going on her first camping trip – to Forest Park. Her brothers don't think she is old enough for the trip, but a storm gives Trina the chance to prove them wrong.	V
The Great Johnstown Flood	The author explains the causes and effects of the great flood of 1889 in Johnstown, Pennsylvania.	U

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Unit E		
Chilled to the Bone	This book starts in the kitchen with the plunk of an ice cube in a glass of water and explores what it means to be cold, how to make things colder, and how cold it can get.	W
Let's Go Spelunking!	Join a group of children as they explore Howe Cavern in upstate New York. Students discover an amazing underground world and learn how caves, crystal, stalactites, and stalagmites are formed.	U
Moon Landing That Never Was	This book tells the story of <i>Apollo 13</i> and the technical problems that forced the astronauts to cancel their moon landing and return to Earth.	T
Unit F		
Making Sounds	This book explores a sound effects studio used to create the effects for Hollywood movies. Students will discover how foley artists make our favorite films sound so realistic.	V
Light Up the Sky With Lasers	Find out how scientists and artists work together to create laser light shows for planetariums and other public events. The principles of light, electricity, and lasers are discussed in this book.	W
The Rise and Fall of Galloping Gertie	This story of a bridge that was destroyed by wind prompts students to wonder how bridges can be designed to withstand forces of nature that can cause them to collapse.	W