

Science Literature Outside the Textbook

Byrd Polar & Climate Research Center

Book	Title	Author	Grade Level	Content Type
	Hurricane Watch	Melissa Stewart	PreK-3	Atmosphere, Weather & Climate
	When Sue Found Sue: Sue Hendrickson Discovers Her T. Rex	Toni Buzzeo	PreK-3	Geology
	Polar Bears and Penguins: A Compare and Contrast Book	Katherine Hall	PreK-3	Cryosphere Wildlife, Plant Life & Ecosystems
	Snow School	Sandra Markle	PreK-3	Cryosphere Wildlife, Plant Life & Ecosystems
	Over in the Arctic: Where the Cold Winds Blow	Marianne Burkes	PreK-3	Wildlife, Plant Life & Ecosystems
	Over and Under the Snow	Kate Messner	PreK-3	Wildlife, Plant Life & Ecosystems
	The Street Beneath My Feet	Charlotte Guillain	K-3	Geology
	About Habitats: Polar Regions	Cathryn Sill	1-2	Cryosphere Wildlife, Plant Life & Ecosystems
	The Magic School Bus and the Climate Challenge	Joanna Cole	2-5	Atmosphere, Weather & Climate
	Hopping Ahead of Climate Change	Sneed Collard	2-3	Wildlife, Plant Life & Ecosystems Atmosphere, Weather & Climate
	A Warmer World: From Polar Bears to Butterflies, How Climate Change Affects Wildlife	Caroline Arnold	2-5	Wildlife, Plant Life & Ecosystems Atmosphere, Weather & Climate
	Notable Notebooks: Scientists and Their Writings	Jessica Fries-Gaither	2-4	Scientific Ways of Knowing
	How We Know What We Know About Our Changing Climate: Scientists and Kids Explore Global Warming	Lynne Cherry	4-8	Atmosphere, Weather & Climate Scientific Ways of Knowing

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	The Big Rock	Bruce Hiscock	4-6	Geology
	The Lost Seal	Diane McKnight	4-7	Cryosphere Scientific Ways of Knowing
	The Polar Bear Scientists	Peter Lourie	5-7	Cryosphere Wildlife, Plant Life & Ecosystems
	Lives of Scientists: Experiments, Explosions (and What the Neighbors Thought)	Kathleen Krull	5-7	Scientific Ways of Knowing
	Earth: The Operator's Manual	Richard B. Alley	11-Adult	Atmosphere, Weather & Climate Scientific Ways of Knowing
	The Weather Machine: A Journey Inside the Forecast	Andrew Blum	11-Adult	Atmosphere, Weather & Climate Scientific Ways of Knowing
	The Ice at the End of the World	Jon Gertner	11-Adult	Cryosphere Scientific Ways of Knowing
	Two-Mile Time Machine: Ice Cores, Abrupt Climate Change, and Our Future	Richard B. Alley	11-Adult	Cryosphere Scientific Ways of Knowing
	The Invention of Nature: Alexander von Humboldt's New World	Andrea Wulf	11-Adult	Atmosphere, Weather & Climate Scientific Ways of Knowing

Additional Lists of Science Books:

NSTA Outstanding Science Trade Books for Students K-12 • <https://www.nsta.org/publications/ostb/>

Royal Society Prizes for Science Books • https://en.wikipedia.org/wiki/Royal_Society_Prizes_for_Science_Books

AAAS/Subaru Prize for Excellence in Science Books • <https://www.sbfprize.org/>