

Grades 3 – 5 Scope and Sequence for Climate Change Compendium

Topic	Lesson Included	AAAS Standards	NSES Standards	NCGE Standards	Background
The Greenhouse Effect	The Greenhouse Effect Skit	4: e 11: b	3: c 7: c		
	The Greenhouse Experiment (& puzzle)	1: b 4: e 9: a 12: d	2: a 3: c 4: c 6: b 7: d	14	Greenhouse Gas Explanation Sheet (included)
Greenhouse Gases (CO₂)	CO₂ Emissions (by population)	9: b 11: b	2: a 7: d	16	Climate and CO ₂
Tracking Climate Change	Ice Cores	1: b	2: a, b 5: c		Learning from Polar Ice Research Website on frontispiece
	Activity 2: Historical Climate Statistics	2: a 9: b, c	4: c		Background information on Climate Change
Polar Regions	The Arctic and Antarctic Climates	12: e	5: c	1, 8	Putting Antarctica on the map Background (in middle school activity)
	Activity 4: Adapting to Survive	3: a 7: a (with extension)	4: a, c	1, 5, 15	Impacts of Climate Change in the Arctic
	Bearly Any Ice	1: b 5: d 9: b 11: a, b	2: a 4: a, c 7: d		Backgrounder #1, 2, 3, 7
	The Food Web Game	5: d 11: a, b	4: a, c		Previous Lessons
Extension Activity	Sing! Sing a Song!	None			
	Doing Your Bit				
	Ahimsa Media's Extension				