Climate Literacy: The Essential Principles of Climate Science (USGCRP, 2009)
Gap and Thin Spot Analysis of the CLEAN Collection of Educational Resources

Essential Principle 3 (EP3)

Life on Earth depends on, is shaped by, and affects climate.

Number of Resources in CLEAN Collection

- ●(#) Total Number of Resources
- (#) Middle School
- (#) High School
- (#) College

Some resources are relevant to multiple grade levels; therefore the total (#) is less than sum of (#), (#), (#).

EP 3A Organisms adapt, migrate or perish	Activities	●●●●●●●●●●●●●●●●	(16)	(10)	(14)	(2)
	Videos	●●●●●●●●●●●●●	(13)	(13)	(13)	(2)
	Visualizations	●●●	(3)	(3)	(3)	(2)
	Demos/Experiments	(0)				
	Total	●●●●●●●●●●●●●●●●●●●●●●●●●●●●●●●●●●	(32)	(26)	(30)	(6)
EP 3B Heat- trapping gases warm Earth's surface	Activities	(0)				
	Videos	(0)				
	Visualizations	(0)				
	Demos/Experiments	(0)				
	Total	(0)				
EP 3C Changes in climate affect ecosystems and species	Activities	●●●●●●●●●●●	(11)	(10)	(7)	(1)
	Videos	●●●●●●	(6)	(6)	(6)	(1)
	Visualizations	●●	(2)	(1)	(2)	(2)
	Demos/Experiments	(0)				
	Total	●●●●●●●●●●●●●●●●●●●●	(19)	(17)	(15)	(4)
EP 3D Past 10,000 years have been unusual	Activities	(0)				
	Videos	●	(1)	(1)	(1)	(0)
	Visualizations	(0)				
	Demos/Experiments	(0)				
	Total	●	(1)	(1)	(1)	(0)
EP 3E Life can influence global climate	Activities	●●●●●	(5)	(1)	(3)	(3)
	Videos	●●●	(3)	(3)	(3)	(1)
	Visualizations	●	(1)	(1)	(1)	(0)
	Demos/Experiments	●	(1)	(1)	(1)	(0)
	Total	●●●●●●●●●●	(10)	(6)	(8)	(4)
EP 3 Uncategorized	Activities	●	(1)	(0)	(1)	(0)
	Videos	●●●●●●●	(7)	(7)	(6)	(1)
	Visualizations	●●	(2)	(2)	(2)	(1)
	Demos/Experiments	(0)				
	Total	●●●●●●●●●●	(10)	(9)	(9)	(2)
Total Number of Unique Resources for EP3		●●●●●●●●●●●●●●●●●●●