

Climate Literacy: The Essential Principles of Climate Science (USGCRP, 2009)

Gap and Thin Spot Analysis of the CLEAN Collection of Educational Resources

Essential Principle 1 (EP 1)

Sun is primary energy

Number of Resources in CLEAN Collection

I(##) 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 1A	Sunlight Warms the Planet Activities ██████████ (26) (15) (18) (11) Videos ██████████ (15) (12) (15) (9) Visualizations █████ (6) (5) (6) (5) Demos/Experiments (1) (1) (1) (0)
Total ██████████ (48) (33) (40) (25)	
EP 1B	Earth Energy Balance Activities ████████ (9) (3) (8) (7) Videos ████████ (7) (5) (7) (6) Visualizations ██ (2) (2) (2) (0) Demos/Experiments (1) (1) (1) (0)
Total ██████████ (19) (11) (18) (13)	
EP 1C	Reasons for the Seasons Activities ██████████ (14) (8) (11) (6) Videos ██ (2) (2) (2) (1) Visualizations █████ (5) (5) (5) (3) Demos/Experiments (0)
Total ██████████ (21) (15) (18) (10)	
EP 1D	Orbital Cycles Activities ███ (3) (0) (3) (3) Videos ████ (4) (3) (4) (2) Visualizations ████ (4) (3) (3) (4) Demos/Experiments (0)
Total ██████████ (11) (6) (10) (9)	
EP 1E	Solar Variability Activities ███ (3) (0) (3) (3) Videos (1) (0) (1) (1) Visualizations (1) (0) (1) (1) Demos/Experiments (0)
Total ██████ (5) (0) (5) (5)	
EP 1	Uncategorized Activities ██████ (6) (2) (5) (5) Videos ██████ (5) (4) (5) (3) Visualizations █████ (4) (4) (4) (3) Demos/Experiments (1) (1) (1) (0)
Total ██████████ (16) (11) (15) (11)	

Total Number of Unique Resources for EP1	██████████ ██████████ (77)
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