

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

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

Guiding Principle (GP)

Informed Climate Decisions: Humans can take actions to reduce climate change and its impacts.

Number of Resources in CLEAN Collection

- (#) Total Number of Resources
- (#) Middle School Some resources are relevant to multiple grade levels; therefore the total (#) is less than sum of (#), (#), (#).
- (#) High School
- (#) College

GP A Reduce vulnerabilities/Enhance resilience	Activities ●●●●●● (6) (0) (6) (3) Videos ●●●●●● (5) (4) (4) (4) Visualizations ● (1) (1) (1) (1) Demos/Experiments (0) Total ●●●●●●●●●●●● (12) (5) (8) (3)
GP B Integrating climate knowledge	Activities ●● (2) (0) (2) (1) Videos ●●●●●●●● (7) (6) (6) (2) Visualizations (0) Demos/Experiments (0) Total ●●●●●●●●●● (9) (6) (8) (3)
GP C Security of nations	Activities ● (1) (0) (1) (0) Videos ●● (2) (2) (2) (1) Visualizations ● (1) (1) (1) (1) Demos/Experiments (0) Total ●●●● (4) (3) (4) (2)
GP D Climate change mitigation	Activities ●●●●●● (5) (1) (5) (3) Videos ●●●●●●●● (7) (7) (7) (1) Visualizations ●●●●●● (5) (3) (5) (4) Demos/Experiments (0) Total ●●●●●●●●●●●●●●●● (17) (11) (17) (8)
GP E Strategies to reduce greenhouse gas	Activities ●●●●●●●●●●●●●●●●●●●●●●●●●●●●●●●●●● (21) (14) (20) (10) Videos ●●●●●●●●●●●●●●●●●●●●●●●●●●●●●●●●●● (22) (21) (21) (9) Visualizations ●●●●●●●● (8) (7) (8) (5) Demos/Experiments (0) Total ●●● ● (51) (42) (49) (24)
GP F Adaptation to climate change	Activities ● (14) (1) (0) (0) Videos ●●●●●●●●●●●●●● (10) (8) (9) (6) Visualizations ●●●● (4) (3) (4) (3) Demos/Experiments (0) Total ●●●●●●●●●●●●●●●● (14) (12) (12) (8)
GP G Action- all levels of society	Activities ●●●●●●●●●●●●●●●●●●●●●●●●●●●●●●●●●● (23) (14) (21) (11) Videos ●●●●●●●●●●●●●●●●●●●●●●●●●●●●●●●●●● (21) (19) (19) (5) Visualizations ●●●●●●●● (6) (6) (6) (4) Demos/Experiments (0) Total ●●● (50) (39) (46) (20)
GP Uncategorized	Activities ●●●●●●●● (8) (3) (7) (6) Videos ●●●●●●●●●● (9) (8) (7) (5) Visualizations ●●●● (4) (3) (4) (4) Demos/Experiments (0) Total ●●●●●●●●●●●●●●●●●●●●●●●●●●●●●●●●●● (21) (14) (18) (15)

Total Number of Unique Resources for GP

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●●●●●●●●●●●●●●●●●●●●●●●●●●●●●●●●●●
●●●●●●●● (106)