

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

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

Essential Principle 2 (EP2)

Climate is regulated by complex interactions among components of the Earth system.

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 (#), (#), (#).

<p>EP 2A</p> <p>Interactions of Sun and Earth systems</p>	<p>Activities ●●●●●●● (7) (4) (6) (4)</p> <p>Videos ● (1) (1) (1) (0)</p> <p>Visualizations ● (1) (1) (1) (1)</p> <p>Demos/Experiments (0)</p> <p>Total ●●●●●●●● (9) (6) (8) (5)</p>
<p>EP 2B</p> <p>Hydrosphere, energy and climate</p>	<p>Activities ●●●●●●●●●●●● (12) (5) (8) (2)</p> <p>Videos ●●●●●●● (7) (6) (7) (3)</p> <p>Visualizations ● (1) (1) (1) (1)</p> <p>Demos/Experiments (0)</p> <p>Total ●●●●●●●●●●●●●●●●●● (21) (12) (16) (6)</p>
<p>EP 2C</p> <p>Greenhouse gases trap outgoing IR heat</p>	<p>Activities ●●●●●●●● (8) (4) (7) (4)</p> <p>Videos ●●●● (4) (4) (4) (1)</p> <p>Visualizations ●●●●●●●● (7) (5) (7) (5)</p> <p>Demos/Experiments ● (1) (1) (1) (1)</p> <p>Total ●●●●●●●●●●●●●●●●●● (20) (1) (19) (11)</p>
<p>EP 2D</p> <p>Biogeochemical / Carbon cycles</p>	<p>Activities ●●●●●●●●●● (10) (5) (5) (5)</p> <p>Videos ●●●●●●●● (10) (8) (9) (5)</p> <p>Visualizations ●●●●●●●● (7) (6) (7) (4)</p> <p>Demos/Experiments ●●● (3) (3) (3) (0)</p> <p>Total ●●●●●●●●●●●●●●●●●●●●●●●● (30) (22) (24) (14)</p>
<p>EP 2E</p> <p>Particulates' impact climate</p>	<p>Activities ●●●● (4) (2) (3) (3)</p> <p>Videos ●●● (3) (3) (3) (1)</p> <p>Visualizations ● (1) (1) (1) (1)</p> <p>Demos/Experiments (0)</p> <p>Total ●●●●●●●● (8) (6) (7) (5)</p>
<p>EP 2F</p> <p>Feedback systems</p>	<p>Activities ●●●●●●● (7) (2) (4) (6)</p> <p>Videos ●●●●●●● (6) (5) (6) (3)</p> <p>Visualizations ●●●● (4) (4) (4) (1)</p> <p>Demos/Experiments (0)</p> <p>Total ●●●●●●●●●●●●●●●● (17) (11) (14) (10)</p>
<p>EP 2</p> <p>Uncategorized</p>	<p>Activities ●●●●●●●●●● (10) (2) (7) (7)</p> <p>Videos ●●●●● (5) (5) (5) (4)</p> <p>Visualizations ●●●●●●● (6) (4) (6) (4)</p> <p>Demos/Experiments ●● (2) (2) (2) (1)</p> <p>Total ●●●●●●●●●●●●●●●●●● (23) (13) (20) (16)</p>

Total number of Unique Resources for EP2

