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# SCHOOL PLANNING WORKSHEET

## FOR CLIMATE EDUCATION & ENGAGEMENT

A. CLIMATE CHANGE ISSUES	B. EDUCATION/ENGAGEMENT OPP	C. RESOURCES/PARTNERS

## CLEO EXAMPLES - PLANNING SHEET FOR CLIMATE EDUCATION & ENGAGEMENT

A. CLIMATE CHANGE ISSUES	B. EDUCATION/ENGAGEMENT OPP	C. RESOURCES/PARTNERS
<p><b><u>CAUSES:</u></b></p> <ol style="list-style-type: none"> <li>1. Anthropogenic Global Warming -AGW</li> <li>2. Carbon Cycle &amp; Greenhouse Gases -GHGs</li> <li>3. Carbon Dioxide pollution -CO<sub>2</sub> PPM</li> </ol> <p style="padding-left: 40px;">National Climate Assessment -NCA Intergovernmental Panel on Climate Change -IPCC Consensus - data; lines of evidence</p> <p><b><u>EFFECTS/IMPACTS:</u></b></p> <ol style="list-style-type: none"> <li>4. Sea Level Rise &amp; Tidal Flooding</li> <li>5. Saltwater intrusion; Freshwater vulnerability</li> <li>6. Ice melt - land ice v sea ice</li> <li>7. Albedo or Reflectivity</li> <li>8. Warming Oceans; Coral Bleaching</li> <li>9. Ocean acidification</li> <li>10. Extreme heat; more heat waves</li> <li>11. Extreme weather events</li> <li>12. Health impacts</li> <li>13. Loss of biodiversity</li> <li>14. Food vulnerability</li> <li>15. Economic disruptions</li> <li>16. Population Displacement</li> <li>17. National Security threat</li> <li>18. Migration Changes</li> <li>19. Climate justice</li> </ol> <p><b><u>SOLUTIONS</u></b></p> <ol style="list-style-type: none"> <li>20. Mitigation - address the causes of cc</li> <li>21. Adaptation - address or mitigate the effects of cc</li> <li>22. Obama Administration's Climate Action Plan</li> <li>23. Clean Power Plan; COP 21-RCAP</li> <li>24. Renewable Energy</li> <li>25. Geo Engineering</li> </ol>	<p><b><u>WHEN?/HOW?</u></b></p> <ol style="list-style-type: none"> <li>1. As class unit</li> <li>2. Course</li> <li>3. Project</li> <li>4. School assembly</li> <li>5. Parents' night</li> <li>6. Clubs/activities</li> <li>7. Homeroom</li> <li>8. After school</li> <li>9. Community Outreach Event</li> <li>10. Fundraiser</li> <li>11. EVERY discipline? STEAM plus</li> </ol> <p><b><u>STRATEGIES?</u></b></p> <ol style="list-style-type: none"> <li>12. Student debate</li> <li>13. Poster contests</li> <li>14. Photojournalism showcase</li> <li>15. Art competition</li> <li>16. PSA showcase</li> <li>17. TownHall</li> <li>18. Film Screening</li> <li>19. Panel discussions</li> <li>20. Poetry</li> <li>21. Open mic</li> <li>22. Speaker Series</li> </ol> <p><b><u>PROGRAMS?</u></b></p> <ol style="list-style-type: none"> <li>23. Dream in Green</li> <li>24. Green Schools Challenge</li> <li>25. Fairchild Challenge</li> <li>26. RRR efforts</li> <li>27. SECME</li> </ol>	<p><b><u>IN/OUT OF SCHOOL</u></b></p> <ol style="list-style-type: none"> <li>1. Other teachers</li> <li>2. Administrators</li> <li>3. MDCPS</li> <li>4. The CLEO Institute</li> <li>5. Parents/PTAs</li> <li>6. Scientists</li> <li>7. Engineers</li> <li>8. Elected officials</li> <li>9. City and County Staff</li> <li>10. Architects</li> <li>11. Communication experts</li> <li>12. Solar Energy Companies</li> <li>13. Civic engagement groups</li> <li>14. Community leaders</li> <li>15. UM, FIU, FAU</li> <li>16. Miami Dade College</li> </ol> <p><b><u>NATIONAL</u></b></p> <ol style="list-style-type: none"> <li>17. EPA</li> <li>18. NOAA</li> <li>19. NASA</li> </ol> <p><b><u>WEB RESOURCES</u></b></p> <ol style="list-style-type: none"> <li>20. Lessons</li> <li>21. Demonstrations</li> <li>22. Videos</li> <li>23. Sample curricula</li> <li>24. Short activities</li> <li>25. Ted Talks</li> <li>26. Toolkits</li> </ol>