



April 2021 Global Climate Dialog Webinar Discussion Templates

Chemistry

Advance Homework: Students watch the [recording](#) of the [Solve Climate webinar](#) from your state, region or nation.

Minutes	Activity	Suggested Topics and Teaching Ideas
1-5	Instructor motivates the discussion and reviews the three recommendations.	
5-15	Break students into groups of three.	1. Which of the solutions that you just learned about seem to be most important in solving climate change? Why? 2. Do you support moving towards these solutions?
15-30	Report back and Discussion	
30-40	Back in groups of three	Climate Change is ultimately an issue of chemistry. Which of the proposed solutions have the greatest potential to stabilize or even reduce the levels of CO ₂ and other greenhouse gases in the atmosphere? What is the chemistry involved in removing CO ₂ ? Note that it is a nonmetal oxide which is acidic in water. Why is there a time lag between climate solutions and their impacts on atmospheric chemistry?

40-55	Report back and Discussion	Note the challenges of educating people about climate change if they do not understand basic chemistry
55-60	Instructor observations and wrap-up	