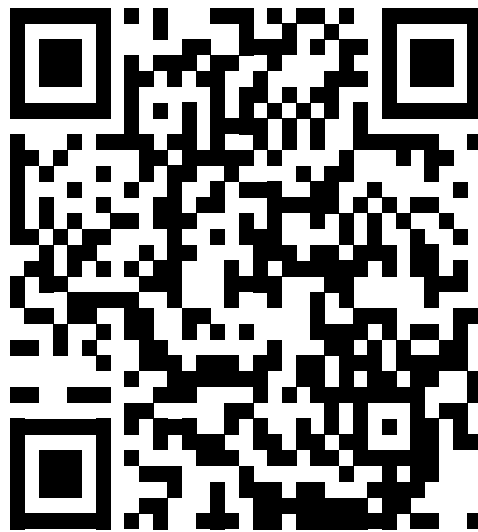




CO₂ — TOO MUCH OF A GOOD THING?

Digital Lesson Plan for K-12 Teachers



Open the camera app on your phone, focus, then click the notification to open the webpage.

Explore carbon capture and storage (CCS) through the scientific principles of climate change, greenhouse gases, energy production, and carbon cycles with only a few low-cost, readily-available materials.

Using Styrofoam balls, charcoal briquettes, pipe cleaners and mesh, balloons, jars, marbles, and liquids, teachers can demonstrate the following concepts:

1. How CO₂ forms during the combustion of hydrocarbon
2. How much CO₂ we produce during everyday activities
3. How CO₂ traps heat in the atmosphere
4. How CO₂ affects health and safety
5. How geologic capture and storage of CO₂ reduces emissions

Find more information on this lesson plan and other resources by scanning the QR code or visiting:
beg.utexas.edu/gccc/k-12-teaching-resources



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