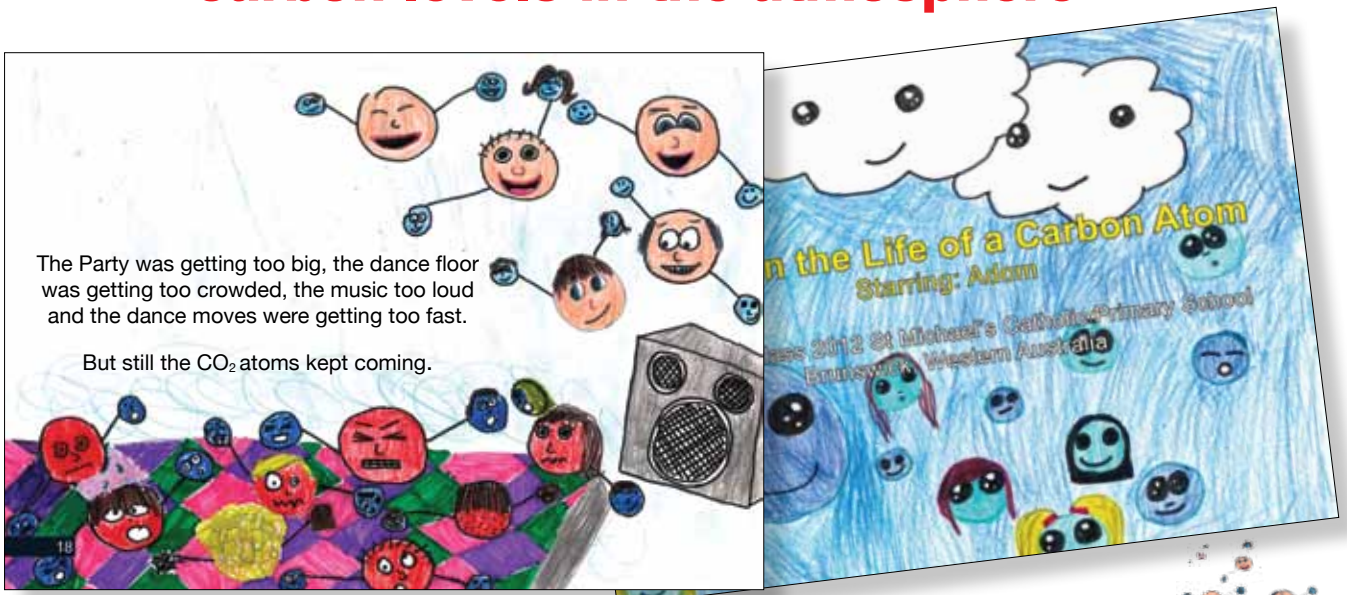


Department of Mines and Petroleum
SUPPORTING
CSIRO Sustainable Futures CarbonKids

Human activities contribute to increasing carbon levels in the atmosphere



What can we do?

Scientists are researching ways to reduce carbon emissions

A CCS Carbon Cycle

Carbon dioxide is a byproduct of burning fossil fuels

Industry captures CO₂

Carbon Dioxide = CO₂

CO₂ transported and injected deep underground

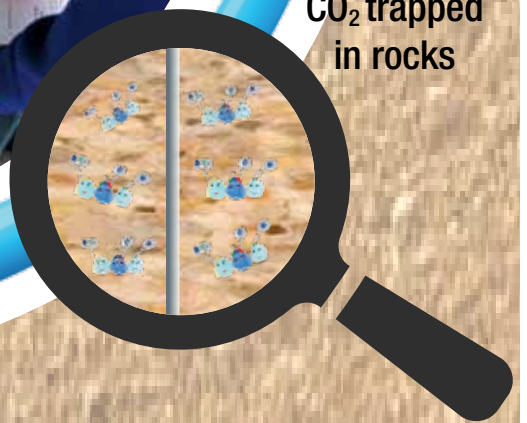
Mining



Coal typically C₆H₄O

CarbonKids learn how some rocks absorb liquids

CO₂ trapped in rocks



Carbon capture and storage, or CCS, is a low carbon technology that stores carbon dioxide (CO₂) deep underground (geosequestration).

The South West Hub is investigating the potential for CCS in the Harvey-Waroona area by studying the rocks which can trap carbon deep underground.