



## Carbon Capture & Storage - Resources

Thank you for downloading this Carbon Capture & Storage resource from the *GeoBus* website.

This resource pack was developed in partnership with [The Crown Estate](#), with support from [The Global CCS Institute](#), [Royal Dutch Shell](#) and [SCCS](#). Special thanks are due to Megan O'Donnell and Katy Relp for their involvement. These resources, and further carbon capture and storage education materials can be found on the [CO<sub>2</sub> degrees challenge](#) website.

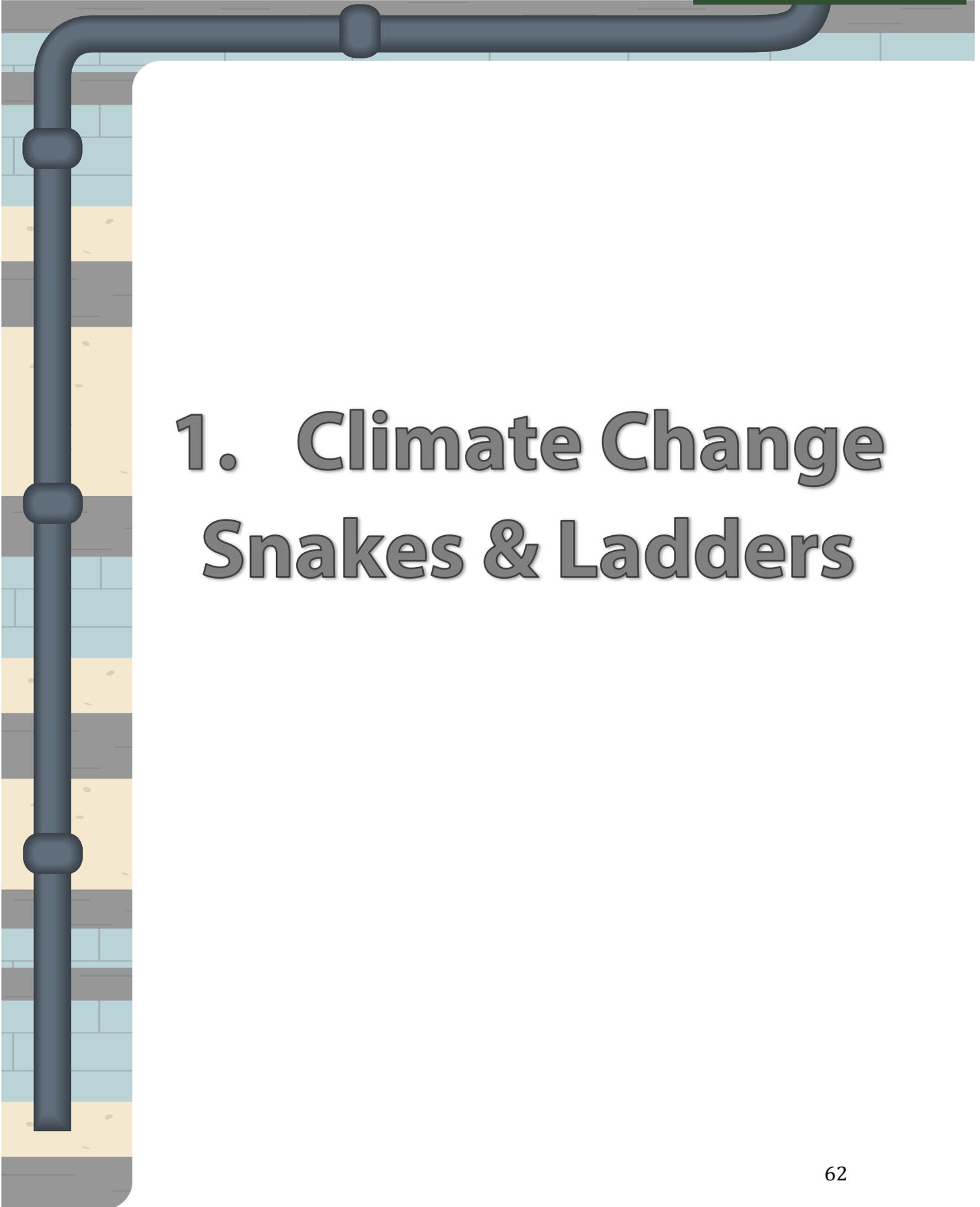
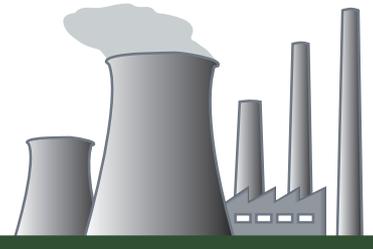
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Earth & Environmental Sciences



# Chapter 3



## 1. Climate Change Snakes & Ladders

# Climate Change Snakes & Ladders

## CCS Extension Tasks

Activity Description	Students design their own snakes and ladders board with positive and negative actions contributing to CO <sub>2</sub> emissions.
Time	45–60minutes
Learning Outcomes	<ul style="list-style-type: none"><li>To understand actions that contribute to reducing or increasing CO<sub>2</sub> emissions.</li></ul>
Student Organisation	Groups of 2–6
Materials Needed	Board printout, dice, and a counter for each child.

### Climate Change Snakes & Ladders

Taken from CO<sub>2</sub>degrees Challenge, 'Host your own CCS Education Workshop'.

<http://co2degrees.com/learn-more/educators>

#### Instructions

This game is for 2–6 players.

1. You will need an A3 colour printout of the board, dice and a counter for each player (you can cut-out counters below or you could recycle some old buttons).
2. To start, each player must roll the dice. The player with the highest score goes first.
3. To play, each player rolls the dice and moves to the corresponding square on the board. If a player lands on a square describing an action that is good for the environment, they move up the ladder to a higher square. If a player lands on a square describing an action that is bad for the environment, they slide down the snake's body to a lower square.
4. The winner is the first player to reach square 100!

Cut out the counters provided on the printout and fold and glue the dice.

If you have an ipod/pad, you can use the dice app from:

<https://itunes.apple.com/en/app/dice/id429412843?mt=8#>