

Option A Activity: Task 1

Questions	Your responses
At what value does the Carbon Dioxide level start?	
Alter the initial value of the ppm of CO ₂ variable to start at 500. How does this impact the game?	
By how much does the carbon dioxide level in the atmosphere decrease each time a tree is planted?	
Alter the value by which the ppm of CO₂ variable decreases each time a tree is planted to a -10 integer. How does this impact the game?	
At what value does the carbon dioxide level get to in order for the game to end?	

Option A Activity: Task 1

Questions	Your responses
Alter the value of carbon dioxide at which the game ends to a lower number. How does this impact the game?	
<p>Record an equation for the original code to represent the starting amount of carbon dioxide in the atmosphere and the decreasing amount over time.</p> <p>Use n to represent the number of trees and T for total amount of carbon dioxide in the atmosphere.</p>	
<p>How many trees does the player need to plant in order to reduce the carbon dioxide level to 350 and end the game?</p> <p>Check your answer by pressing on the Trees sprite in the game with the original link, and counting how many times you must press in order for the game to end.</p>	