

Name _____ Teacher _____ Date _____

5.1: Secrets Revealed! Worksheet

How Much Carbon Dioxide Emissions Will Your Chosen Lifestyle Produce?

Carbon emissions represent the amount of carbon dioxide that is released into the atmosphere. Many carbon dioxide emissions come from human activities that involve combustion of fossil fuels.

Use the tables below to calculate a rough estimate of the carbon dioxide emissions that your lifestyle choices for these four categories will lead to.

Carbon Dioxide Emissions For Different Lifestyle Choices

Lifestyle Category	Choice A (lbs CO ₂ /yr)	Choice B (lbs CO ₂ /yr)	Choice C (lbs CO ₂ /yr)	Choice D (lbs CO ₂ /yr)
Transportation	11,570	780	110	4,240
Home	2,790	410	30	2,960
Electricity	15,700	1,790	10	5,460
Food	6,580	1,420	30	2,190

Carbon Dioxide Emissions For Your Lifestyle Choices in Table A

Lifestyle Category	Your First Choice (A, B, C or D)	Emissions For Your First Choice (lbs CO ₂ /yr)
Transportation		
Home		
Electricity		
Food		
Total carbon dioxide emissions for your choices →		

Carbon Dioxide Emissions For Your Lifestyle Choices in Table B

Lifestyle Category	Your First Choice (A, B, C or D)	Emissions For Your First Choice (lbs CO ₂ /yr)
Transportation		
Home		
Electricity		
Food		
Total carbon dioxide emissions for your choices →		