

## LESSON 3 : STUDENT WORKSHEET

# Travel Emissions Comparison

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Below are some example emissions for different types of travel. Use these to help complete the table.

## Carbon Counting - Which way wins?

Numbers represent grams of CO<sub>2</sub> produced, per person kilometre travelled

**194**

Car - 1 driver,  
1 passenger



**61**

Carpooling - 1 driver,  
3 passengers



**118**

Motorbike - 1 rider



**0**

Tram - multiple  
passengers



**0**

Walking - 1 person

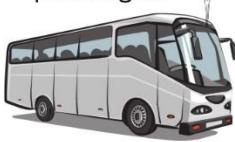
**6**

E-bike - 1 rider



**22**

Bus - multiple  
passengers



**0**

Train (regional)  
- multiple passengers



**14**

Train (metro)  
- multiple passengers

### Active Travel Example Calculations

Let's calculate the total emissions for Active Travel Examples #1 and #2

Use this formula: CO<sub>2</sub> per km × Distance = Emissions

Complete these tables:

Student Name	Travel Mode	CO <sub>2</sub> per km	x	Distance (km)	=	Emissions
Travel Example #1	Walk		x	1.5	=	
Travel Example #1	Bus		x	4	=	
<b>TOTAL Emissions =</b>						

Student Name	Travel Mode	CO <sub>2</sub> per km	x	Distance (km)	=	Emissions
Travel Example #2	Walk		x	0.5	=	
Travel Example #2	Bus		x	6	=	
<b>TOTAL Emissions =</b>						

Which trip to school produced the most CO<sub>2</sub>? \_\_\_\_\_

