



Eco-Schools USA Transportation Audit



Learning Objectives

- To assess the current transportation practices and impacts at the school.
- To collect, record, map and interpret travel data.

Curriculum Links

Mathematics, Science, Social Studies, Citizenship

Eco-Schools USA Pathways

Transportation, Climate Change, Green Hour

We all use various forms of transportation to get to school. Some of us walk, some bike, some use public transportation or a private vehicles. Our transportation choices have an impact on the environment and our health. This section will help your Eco-Action Team assess the transportation choices people in your school are making and help you to identify alternatives. Please feel free to add or edit questions so that it makes sense for your school and local community.

Step 1. Have each classroom in your school complete the transportation assessment worksheet below.

Step 2. Total all classroom assessments from Step 1 for use in the Transportation Audit.



Part 1. Classroom Transportation Worksheet

Each classroom in your school should fill out this worksheet.

Classroom #:

Teacher:

Grade Level:

Subject:

Total # in Class (Students & Staff):

Date of Assessment:

1. How do students and staff get to school? (# of each)

Personal Vehicle	Number	School Bus	Number
Hybrid/Alternative	Number	Public Bus	Number
Car	Number	Bike	Number
Van/Minivan	Number	Walk	Number
Truck	Number	Other	Number
SUV	Number	Other	Number

2. How many of the students and staff carpool to school?

Note: A carpool must have 1 driver plus 2 or more students or 1 driver plus 1 or more adults.

	Number that Carpool	Convert these numbers to percentages
Students		
Staff		



Part 2. School Transportation Totals

To answer questions 1 and 2, total all the classroom worksheets from Part 1. Then answer the remaining questions.

1. How do students and staff get to school? (Convert the totals to percentages.)

Personal Vehicle	%	School Bus	%
Hybrid/Alternative	%	Public Bus	%
Car	%	Bike	%
Van/Minivan	%	Walk	%
Truck	%	Other	%
SUV	%	Other	%

2. Approximately what percent of students and staff carpool to school?

Note: A carpool must have 1 driver plus 2 or more students or 1 driver plus 1 or more adults.

	Percentage that Carpool
Students	
Staff	

3. Approximately how many buses drop off students at your school during the day?

Time of Day	Number of Buses
Before School	
During School (kindergarten or special programs)	
After School	

4. Do your buses idle their engines for longer than 3 minutes while waiting for students?

Yes No

5. Does your school/district use bio-diesel for any of its cars, trucks, and buses?

Yes No

6. Besides buses, what other types of vehicles does your school own or use? What is their average gas mileage?

Type of Vehicle	Number	Use	Average Gas Mileage
Large car			
Mid-sized car			
Economy car			
Hybrid			
Electric			
Van			
Truck			
Other			

<p>7. Does your school community participate in a <i>Safe Routes to School Partnership</i>?</p>	<input type="checkbox"/> Yes <input type="checkbox"/> No																		
<p>8. Does your school allow students to bike to school?</p>	<input type="checkbox"/> Yes <input type="checkbox"/> No																		
<p>9. Does your school provide bicycle racks and a safe place to store bikes for students and staff?</p>	<input type="checkbox"/> Yes <input type="checkbox"/> No																		
<p>10. Does your school have a “Walking School Bus” program?</p>	<input type="checkbox"/> Yes <input type="checkbox"/> No																		
<p>11. Which of the following options are available for students and staff to get to and from school?</p> <p style="padding-left: 40px;">Sidewalks</p> <p style="padding-left: 40px;">Bike Paths</p> <p style="padding-left: 40px;">Bike Lanes</p> <p style="padding-left: 40px;">Public Transportation</p> <p style="padding-left: 40px;">School Buses</p> <p style="padding-left: 40px;">Other</p>	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No																		
<p>12. Are sidewalks and bike paths safe and accessible for all?</p>	<input type="checkbox"/> Yes <input type="checkbox"/> No																		
<p>13. Does your school curriculum include transportation-related topics including health, safety, and environmental impacts?</p> <p style="padding-left: 40px;">If yes, which subjects or courses and at what grade levels?</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 50%;">Subject / Course</th> <th style="width: 50%;">Grade Levels</th> </tr> </thead> <tbody> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> </tbody> </table>	Subject / Course	Grade Levels																	<input type="checkbox"/> Yes <input type="checkbox"/> No
Subject / Course	Grade Levels																		

14. Does your school sponsor or participate in any programs to encourage carpooling, use of public transportation, or non-vehicular transportation to and from school? If yes, describe the program

Carpooling: _____

Public Transportation: _____

Non-Vehicular: _____

Other: _____

Yes

No

Yes

No

Yes

No

Yes

No