

Communication Technology Project: Transportation Poster



Sustainable
Transportation
Education
Project

Technical Requirements:

Each student is required to create one poster. A second poster is optional.

Each poster must have the following attributes:

1. Full colour
2. 12" x 18" at a minimum resolution of 300 dpi
3. $\frac{1}{4}$ " white border around poster
4. RGB
5. "Designed by (your full name, grade and school)" in the bottom right hand corner in size 10 font.
6. **Photoshop** Specific Requirements
 - a. Final Poster must be a flattened TIFF file (make sure you have a copy of the original with layers).
7. **Illustrator** Specific Requirements (for final poster)
 - a. Convert all text to curves (Create Outlines)
 - b. Save as Version 8 in EPS format.
 - c. If you use transparencies in Illustrator 10, save it as a TIFF file.

Completed projects will be reviewed by your teacher and several may be selected to be put up around your school to help your fellow students make more informed decisions that are healthier for them and the environment.



Curriculum Links for Ontario High School Teachers:

Below is a list of some key links between the activities provided by Green Communities Association and the Ontario High School curriculum. In reading through the activities, you may find more opportunities to meet curriculum expectations in your grade level and subject areas.

Activity	Transportation Poster	
Grade 12 TGJ4M	SP1.03	apply time management skills, including the use of software scheduling and project management software, to meet deadlines when solving problems.
	SP3.03	use appropriate graphics formats in pre-production documents and drawings.
	SP2.04	select appropriate computer software and production techniques to complete projects;
Grade 11 TGJ 3M	TF1.02	apply the following steps of the design process to solve a variety of communications technology challenges or problems: identify what has to be accomplished (the problem);gather and record information, and establish a plan of procedures; brainstorm a list of as many solutions as possible ;identify the resources required for each suggested solution, and compare each solution to the design criteria, refining and modifying it as required; evaluate the solutions (e.g., by testing, modelling, and documenting results) and choose the best one; produce a drawing, model, or prototype of the best solution; evaluate the prototype and what is required to produce it; communicate the solution, using one or more of the following: final drawings, technical reports, electronic presentations, flow charts, storyboards, mock-ups, prototypes, and so on; obtain feedback on the final solution and repeat the design process if necessary to refine or improve the solution.
	SP1.03	demonstrate the time management and problem-solving skills required to complete projects;
	SP2.03	operate control devices and components to manipulate or create communications technology projects;
	SPV.02	use current technology and production skills to develop a process or a product in response to a communications challenge or problem;
	SP1.07	use time management schemes to ensure that their productions meet client deadlines.
Grade 10 TGJ 2O	SPV.01G	prepare camera-ready artwork for print and post-production
	SPV.03G	compose, capture, and process still images
	SPV.04G	use computer graphics software competently
	SP1.03G	produce printed copies using a variety of reproduction methods
	SP1.05G	create various effects using video and digital camera techniques
	SP1.09G	create still images using composition techniques
	IC1.02G	operate equipment safely

Listed below are some websites that may provide resources for the Transportation Poster activity.

This site provides background information on transportation choices and pollution, as well as, games to educate students about environmental costs and consequences.

<http://www.easybreathers.org/teacher/index.html>

Carbusters is an interesting site that provides a number of useful statistics and facts about the adverse effects of automobile transportation.

www.carbusters.org/freesources/stats.php

This site allows you to calculate your impact on climate change and provides recommendations on how to reduce the amount of emissions produced by an individual.

<http://www.climcalc.net>