

**Mathematics for
Everyday Life
Workplace Preparation
(MEL3E)**

A Travel Package

The Task

Students were presented with the following scenario:

You will plan the route and estimate the cost of a 7-day, 6-night automobile trip for two people with a combined budget of \$2500. The travellers will depart from Sudbury, travel to Toronto for a sporting event, continue to Ottawa for a concert, and return to Sudbury. Other activities and sites may be included in the 7-day trip. A rental car will be used for the trip and this rental cost, as well as daily expenses (e.g., for accommodation, food, and entertainment), must be included in the estimate of the trip's expenses.

Final Product

Each student was to complete and submit the travel package provided, which included:

- travel route
- car rental and accommodations
- daily activities/expenses
- budget summary
- sources used

Note: All data presented in the student samples were collected by the students, and may or may not be accurate.

Expectations Addressed in the Exemplar Task

This task gave students the opportunity to demonstrate achievement of all or part of each of the following selected expectations from two strands: the Earning, Paying Taxes, and Purchasing strand and the Transportation and Travel strand.

Students will:

1. estimate and calculate the unit prices of comparable items to determine the best buy;
2. plan a travel route, by considering a variety of factors;
3. estimate the costs involved in a trip by automobile, using real data acquired from authentic sources;
4. calculate the fixed and variable costs involved in owning and operating a vehicle;
5. explain the cost estimate for a trip by automobile in a clear, detailed presentation.

For information on the process used to prepare students for the task and on the materials and resources required, see the Teacher Package reproduced on pages 123–133 of this document.