

Outcome Correlation: Car Shopping Mathematics 30-3

ASSESSMENT AND EVALUATION OF STUDENT LEARNING

This performance task is designed to gather assessment evidence for the following learner outcomes (shown in Times New Roman font) from the Alberta Mathematics Program of Studies (2008).

Learner Outcomes		Criteria for Evaluation *
General Outcome – Number Develop number sense and critical thinking skills.		Students provide evidence of their learning as they:
Strand	Specific Outcomes	
Number	2. Solve problems that involve the acquisition of a vehicle by: <ul style="list-style-type: none"> • buying • leasing • leasing to buy [C, CN, PS, R, T]	<ul style="list-style-type: none"> • determine total cost of vehicle based on financing • determine total cost of vehicle based on leasing • justify and explain a choice of leasing or financing based on personal factors

* Criteria statements appear again in the first column of the evaluation tools (checklists, rating scales and/or rubrics) and are the basis on which student evaluation is made relative to the learner outcomes.

Mathematical processes are skills that are addressed at all grade levels. They are not taught as discrete skills, but are integrated into the specific outcomes. Links to the processes identified in the Program of Studies are indicated within square brackets after the specific outcomes.

Throughout this task, the following mathematical processes are specifically addressed:

- Communication: communicate in order to clarify, reinforce and modify ideas.
- Connections: connect mathematical ideas to each other or to the real world.
- Problem Solving: develop and apply new mathematical knowledge through problem solving.
- Reasoning: explore, analyze, generalize and conclude.
- Technology: tool for assisting with data analysis.