
Grade 12
Consumer Mathematics
Standards Test

Project Scoring Guide

The Wedding Planner

November 2007

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Excerpts from the Project Resource Package

Welcome to *The Wedding Planner Project*

General Information

The purpose of the first session is to provide an opportunity for you to

- develop an understanding of the project requirements
- become familiar with the information contained in the *Project Resource Package*
- share ideas related to the project in a brainstorming session

After the first project session the following conditions apply:

- Two additional classwork periods will be provided.
- Your teacher cannot assist you in developing or revising your project.
- You may conduct research on your project between work periods.
- You must submit an individual project that reflects your own work.

Guidelines for *The Wedding Planner Project*

You are a wedding planner and have been hired to plan a wedding for the bride and groom who are working out of province. They have given you some specific guidelines, and they trust you will plan a wedding they will remember forever, within a set of guidelines.

In doing this project the following scenarios and requirements apply:

1. Saturday, June 14 is the date of the wedding, with the ceremony to begin at 2 p.m.
2. The wedding party will consist of eight people; the bride and groom, three attendants for the bride, and three attendants for the groom.
3. One hundred and forty (140) people will be attending the wedding, including immediate family and wedding party.
4. You are to make the final decision on the clothes for the bride and groom. They have sent you pictures of styles they like.
5. Flowers must be ordered for the wedding party, parents of the bride and groom, grandparents of the bride and groom, and master of ceremonies.
6. You must arrange for the:
 - music
 - videographer
 - photographer
 - location for wedding pictures
 - reception location
 - dinner menu
 - cake
 - thank-you gifts for the wedding guests
 - other
7. The cost for invitations, reply cards, thank-you cards, and postage is \$650.00 (including tax).
8. A minimum \$250.00 donation/fee is required for the use of a location to hold the ceremony (including tax).
9. The marriage license must be acquired at a cost of \$75.00 (including tax).
10. The bride and groom want to have a marriage certificate, which will cost \$100.00 (including tax).
11. Hair and makeup for the bride will cost \$150.00 (including tax). A haircut for the groom will cost \$25.00 (including tax).
12. As a wedding planner, you can add “special” touches to the wedding day.
13. You must charge a **fee-for-service** of 10-20% of the wedding costs.
14. Taxes are not included in any prices given, unless otherwise specified.
15. The bride and groom have given you a budget between \$11 000.00 and \$17 000.00.

Directions for *The Wedding Planner* Project

Your completed project must include the following information:

- a letter to your clients outlining the wedding you have planned for them
- a detailed budget
- **a justification of any assumptions or decisions you make in completing your project**

Your completed project must

- be separate from this *Project Resource Package* booklet
- be well organized and clearly presented with an introduction and conclusion
- include your calculations
- be written or printed in blue or black ink or printed using black ink from a printer



Note to Teacher:

The purpose of this document is to assist teachers in detecting reasonable calculations and sufficient data when scoring student projects. The document includes a scoring rubric and sample calculations pertaining to the Project.

A variety of organizational structures and types of responses to the *The Wedding Planner* project is anticipated. Student explanations for their decision-making will vary. When organizing the project students may consider many issues, including:

- the amount the couple is willing to spend
- the choices made for clothing, flowers, gifts, pictures, reception, and so on.

Scoring the Project:

Student projects are scored using a pre-established rubric that covers three broad categories. The scores awarded are placed on a *Project Scoring Sheet*. The “Organization/Structure and Communication” category primarily focuses on how the student has organized and communicated work. Judging whether the student selected required data and used appropriate mathematical procedures is the primary focus of the “Data Selection/Analysis” category. The third category, “Concepts/Reasoning”, is primarily focused on judging if the student understood necessary concepts and demonstrated logical reasoning in drawing conclusions and making justifications.

The order of proceeding through the rubric and completing the *Project Scoring Sheet* is a decision teachers make based on personal preference. For example, some teachers may decide to start by reviewing the “Organization/Structure and Communication” category first. This would involve reviewing the project to judge how the student met the criteria outlined in the rubric. These teachers might then move to the “Data Selection/Analysis” category and finally to the “Concepts/Reasoning” category. Other teachers may decide to start at the “Data Selection/Analysis” category then move to the “Organization/Structure and Communication” category followed by the “Concepts/Reasoning” category.

The “Consider the Following” section of the rubric is specific to each project. The items listed under the heading are not intended to be exhaustive but rather they are included to assist teachers in their marking.

If the project is not submitted, then shade in the “no submission” bubble on the scoring sheet and do not shade in the “insufficient information” bubbles.

Consumer Mathematics: Project Scoring Rubric

The Wedding Planner

Consumer Mathematics Project Scoring Rubric	Consider the Following:
<p>Organization/Structure and Communication</p> <p>Has the student communicated mathematical and other relevant information in a clear and organized way?</p> <ul style="list-style-type: none"> — Organization/Structure (effective use of introduction[s], sections and/or headings, conclusion[s] or summary statement[s]...) — Communication (effective use of charts, tables, graphs, etc. to display data and relevant information; clear presentation; effective use of terminology) 	<ul style="list-style-type: none"> — introduction, heading(s)/subheading(s), conclusion(s) — presentation of the letter — presentation of the budget
<p>Data Selection/Analysis</p> <p>Has the student selected and analyzed data appropriately?</p> <ul style="list-style-type: none"> — Selection (required data selected) — Analysis (exploration of any relevant patterns or relationships, used mathematical procedures appropriately) 	<ul style="list-style-type: none"> — letter outlining the wedding plans — budget, including: <ul style="list-style-type: none"> • clothing • flowers • music • photography/videography • photo location fee • fee-for-service (10-20%) • reception location donation/fee (\$250) • dinner menu • cake • wedding licence fee (\$75) • marriage certificate (\$100) • hair cost (\$150 + \$25) • invitation and reply cost (\$650) • gifts • taxes
<p>Concepts/Reasoning</p> <p>Has the student demonstrated an understanding of mathematical concepts as well as the ability to reason logically and draw appropriate conclusions?</p> <ul style="list-style-type: none"> — Concepts (demonstrated understanding of essential mathematical concepts...) — Reasoning (evidence reasoning/logical thinking was involved in producing the project and in drawing appropriate conclusions...) 	<ul style="list-style-type: none"> — appropriate assumptions/justifications/explanations/conclusions — realistic budget for the whole wedding (between \$11 000 – \$17 000) — realistic plan of the wedding — correct use of taxes — realistic fee for service
<p>Performance Level</p>	

Level 1 DESCRIPTORS		Level 2 DESCRIPTORS		Level 3 DESCRIPTORS	
<p>Example:</p> <ul style="list-style-type: none"> — little (no) organization of ideas; limited (no) use of introductions, sections/headings, conclusion(s)/summary statement(s) — partially legible; important information/details missing; vague presentation; difficult to follow 		<p>Example:</p> <ul style="list-style-type: none"> — most ideas organized; generally appropriate use of introductions, sections/headings, conclusion(s)/summary statement(s) — legible; most important information/details evident; generally effective presentation; can follow with little difficulty 		<p>Example:</p> <ul style="list-style-type: none"> — exceptional organization of ideas; exemplary use of introductions, sections/headings, conclusion(s)/summary statement(s) — easy to read; all information/details evident; very effective presentation; easy to follow 	
<p>Example:</p> <ul style="list-style-type: none"> — limited selection of required data — limited (no) exploration of patterns/relationships; limited use of appropriate mathematical procedures (major computational errors) 		<p>Example:</p> <ul style="list-style-type: none"> — most required data selected (minor omissions) — evidence patterns/relationships explored; generally used appropriate mathematical procedures (some computational errors) 		<p>Example:</p> <ul style="list-style-type: none"> — all required data selected — insightful exploration of patterns/relationships; all mathematical procedures used were appropriate (only minor computational errors) 	
<p>Example:</p> <ul style="list-style-type: none"> — limited evidence that the student understood the relevant mathematical concepts — limited evidence of logical reasoning that led to appropriate conclusions; missing or incorrect justification(s)/explanation(s) 		<p>Example:</p> <ul style="list-style-type: none"> — evidence that the student grasped the essential mathematical concepts — evidence of logical reasoning (some minor inconsistencies) that led to appropriate conclusions; some plausible justification(s)/explanation(s) 		<p>Example:</p> <ul style="list-style-type: none"> — evidence that the student understood all relevant mathematical concepts — evidence of insightful and consistent reasoning that led to appropriate conclusions; clear and logical justification(s)/explanation(s) 	
Level 1	Approaching Level 2	Level 2	Approaching Level 3	Level 3	

Budget Calculations: Sample A

Item	Price	Tax (GST and PST)	Total
Wedding dress	\$749.00	\$44.94 + \$52.43	= \$846.37
Groom's tuxedo	\$1 330.00	\$79.80 + \$93.10	= \$1 502.90
Flowers	\$500.00	\$30.00 + \$35.00	= \$565.00
Ceremony flowers	\$185.00	\$11.10 + \$12.95	= \$209.05
Cake	\$375.00	\$22.50 + \$26.25	= \$423.75
Reception	\$1 000.00	\$60.00 + \$70.00	= \$1 130.00
Ceremony music	\$450.00	\$27.00 + \$31.50	= \$508.50
Reception music	\$1 300.00	\$78.00 + \$91.00	= \$1 469.00
Photographer	\$2 000.00		= \$2 000.00
Picture location	\$30.00		= \$30.00
Videographer	\$999.00		= \$999.00
Dinner $(\$22.95 + \$3.50) \times 140$	\$3 703.00	\$222.18 + \$259.21	= \$3 942.40
Gratuity	\$555.45		
Thank you	\$369.82	\$22.19 + \$25.89	= \$417.90
Invitation/Reply	\$650.00		= \$650.00
Donation/fee for ceremony location	\$250.00		= \$250.00
Marriage license	\$75.00		= \$75.00
Marriage certificate	\$100.00		= \$100.00
Bride's hair and makeup	\$150.00		= \$150.00
Groom's hair	\$25.00		= \$25.00
Subtotal			= \$15 293.87
Fee for service (10%)			= + \$1 529.39
Total			= <u>\$16 823.26</u>

Budget Calculations: Sample B

Item	Price	Tax (GST and PST)	Total
Wedding dress	\$749.00	\$44.94 + \$52.43	= \$846.37
Groom's tuxedo	\$149.00	\$14.04 + \$16.38	= \$264.42
Groom's shoes	\$85.00		
Flowers	\$237.00	\$14.22 + \$16.59	= \$267.81
Ceremony flowers			
Cake	\$85.00	\$5.10 + \$5.95	= \$96.05
Reception	\$400.00	\$24.00 + \$28.00	= \$452.00
Ceremony music	\$100.00	\$6.00 + \$7.00	= \$113.00
Reception music	\$450.00	\$27.00 + \$31.50	= \$508.50
Photographer	\$1 000.00		= \$1 000.00
Picture location			
Videographer	\$999.00		= \$999.00
Dinner $(\$18.00 + \$4.00) \times 140$	\$3 080.00	\$184.80 + \$215.60	= \$3 942.40
Gratuity	\$462.00		
Thank you	\$128.36	\$7.70 + \$8.99	= \$145.05
Invitation/Reply	\$650.00		= \$650.00
Donation/fee for ceremony location	\$250.00		= \$250.00
Marriage license	\$75.00		= \$75.00
Marriage certificate	\$100.00		= \$100.00
Bride's hair and makeup	\$150.00		= \$150.00
Groom's hair	\$25.00		= \$25.00
Subtotal			= \$9 884.60
Fee for service (12%)			= + \$1 186.15
Total			= <u>\$11 070.75</u>

