



Subject: HSC Business Studies

Head Teacher: Jim Selwood

Date Issued: Week 6, Term 2, 2024

Weighting: 30%

Due Date: Friday 21st June (Week 8, Term 2, 2024)

Task Number: 3

OUTCOMES - A student:

H5 Explains management strategies and their impact on business

H8 Organises and evaluates information for actual and hypothetical business situations

H9 Communicates business information, issues and concepts in appropriate formats

H10 Applies mathematical concepts appropriately in business situations

TASK DESCRIPTION:

You will be provided the financial documents (Income Statement and Balance Sheet) for a business for 2 years. Using the information provided, you need to analyse the information in order to answer the task.

1. **Calculate** the following ratios for each of the 2 years. You must show all your working with your answer, including the formula used.
 - a. Current ratio
 - b. Debt to equity ratio
 - c. Return on owner's equity ratio
 - d. Net profit ratio
 - e. Expense ratio
2. **Compare** each ratio across the two-year period and **evaluate** the performance of the business for each ratio against the business' own performance and the industry benchmark.
3. **Recommend** three strategies for improvement in the future for the business, based on your analysis of the performance of the business.

You must present this information in a **business report format**.

ASSESSMENT CRITERIA: You will be assessed on your ability to:

- Calculate the financial ratios correctly, showing all working including the formula used.
- Demonstrate the ability to utilise ratios to compare and make judgement on the performance of the business
- Give recommendations of strategies the business can use to improve based on your analysis of the financial ratios

Late Submission of Assignments:

Assignments should be submitted by 3:15pm on the due date. If your assignment is submitted after 3:15pm, it will be considered a LATE submission.

If your assignment is late, a misadventure form and appropriate evidence (ie. Doctors certificate) should be submitted as early as possible.

Any late assignment submissions without an approved misadventure form will receive a grade of zero marks.

RATIO CALCULATION	MARKING CRITERIA	MARKS
Current ratio	correctly calculates financial ratio by applying mathematical concepts appropriately (shows all working including formula used)	2
	shows calculations using mathematical concepts	1
Debt to equity ratio	correctly calculates financial ratio by applying mathematical concepts appropriately (shows all working including formula used)	2
	shows calculations using mathematical concepts	1
Return on owner's equity ratio	correctly calculates financial ratio by applying mathematical concepts appropriately (shows all working including formula used)	2
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Net profit ratio	correctly calculates financial ratio by applying mathematical concepts appropriately (shows all working including formula used)	2
	shows calculations using mathematical concepts	1
Expense ratio	correctly calculates financial ratio by applying mathematical concepts appropriately (shows all working including formula used)	2
	shows calculations using mathematical concepts	1
Total Marks		/10
<i>Teacher Comment:</i>		

CRITERIA	MARKS
<p>Outstanding – Extensive knowledge, understanding and skills are displayed through a response which:</p> <ul style="list-style-type: none"> • accurately analyses the ratios to show how the ratio is similar or different over the two years • makes a valid judgement of the performance of the business based on the comparison of two years and industry standards/benchmarks • provides three appropriate strategies for improvement of the business based on the financial performance of the business and demonstrates knowledge of the ratios • communicates using relevant business terminology and mathematical concepts in a cohesive response 	17-20
<p>High – Thorough knowledge, understanding and skills are displayed through a response which:</p> <ul style="list-style-type: none"> • analyses the ratios to show how the ratio is similar or different over the two years • makes judgements of the performance of the business based on the ratio calculations and financial information provided • provides three strategies for improvement of the business based on the financial performance of the business and demonstrates knowledge of the ratios • communicates using business terminology and mathematical concepts 	13-16
<p>Sound – Satisfactory knowledge, understanding and skills are displayed through a response which:</p> <ul style="list-style-type: none"> • shows how the ratio is similar or different over the two years • provides characteristics and features of the performance of the business • sketches in general terms three strategies for improvement in the future • communicates using business terminology and mathematical concepts 	9-12
<p>Basic – Elementary knowledge, understanding and skills are displayed through a response which:</p> <ul style="list-style-type: none"> • provides basic observations about how the ratios are similar or different over the two years. • provides basic statements about the performance of the business • Refers to at least one strategy for improvement in the future • uses basic terminology and may use mathematical concepts 	5- 8
<p>Limited – Students do not reach minimum requirements for this task, through a response which:</p> <ul style="list-style-type: none"> • provides limited observations about how the ratios are similar or different over the two years. • may refer to the performance of the business • makes little attempt to provide a strategy for improvement in the future • demonstrates limited use of basic terminology and may use mathematical concepts 	1-4
<p>Late submission – no misadventure Assessment not submitted</p>	Parental notification
<p>Total mark for analysis and recommendations (part 2 and 3)</p>	/20
<p>Total mark for entire assignment</p>	/30
<p>Teacher Comment:</p>	

TED'S SHEDS
Income Statement
for the year ended 30 June

	2010		2009	
Sales	950000		975000	
Less Cost of Sales	<u>750000</u>		<u>850000</u>	
GROSS PROFIT		200000		125000
<i>Less Expenses</i>				
Rates	1200		1000	
Travel Expenses	1500		1500	
Advertising	12500		17000	
Showroom Expenses	35000		35000	
Electricity	12000		14000	
Postage	800	63000	850	69350
NET PROFIT		<u>\$ 137,000</u>		<u>\$ 55,650</u>

TED'S SHEDS
Balance Sheet
as at 30 June

	2010		2009	
ASSETS				
<i>Current</i>				
Bank	750		5000	
Stock	365000		220000	
Debtors	<u>450</u>	366200	<u>200</u>	225200
<i>Non-Current</i>				
Machinery	1000		1000	
Motor Vehicle	70000		35000	
Computers	4500	75500	4500	40500
		<u>\$ 441,700</u>		<u>\$ 265,700</u>
LIABILITIES				
<i>Current</i>				
Creditors	3000		7000	
<i>Non-Current</i>				
Loan from Bank	<u>36000</u>		<u>5000</u>	
		39000		12000
OWNER'S EQUITY				
Capital	265700		198050	
Plus Net Profit	<u>137000</u>		<u>55650</u>	
		<u>402700</u>		<u>253700</u>
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<p>Outstanding – Extensive knowledge, understanding and skills are displayed through a response which:</p> <ul style="list-style-type: none"> • accurately analyses the ratios to show how the ratio is similar or different over the two years • makes a valid judgement of the performance of the business based on the comparison of two years and industry standards/benchmarks • provides three appropriate strategies for improvement of the business based on the financial performance of the business and demonstrates knowledge of the ratios • communicates using relevant business terminology and mathematical concepts in a cohesive response 	17-20
<p>High – Thorough knowledge, understanding and skills are displayed through a response which:</p> <ul style="list-style-type: none"> • analyses the ratios to show how the ratio is similar or different over the two years • makes judgements of the performance of the business based on the ratio calculations and financial information provided • provides three strategies for improvement of the business based on the financial performance of the business and demonstrates knowledge of the ratios • communicates using business terminology and mathematical concepts 	13-16
<p>Sound – Satisfactory knowledge, understanding and skills are displayed through a response which:</p> <ul style="list-style-type: none"> • shows how the ratio is similar or different over the two years • provides characteristics and features of the performance of the business • sketches in general terms three strategies for improvement in the future • communicates using business terminology and mathematical concepts 	9-12
<p>Basic – Elementary knowledge, understanding and skills are displayed through a response which:</p> <ul style="list-style-type: none"> • provides basic observations about how the ratios are similar or different over the two years. • provides basic statements about the performance of the business • Refers to at least one strategy for improvement in the future • uses basic terminology and may use mathematical concepts 	5- 8
<p>Limited – Students do not reach minimum requirements for this task, through a response which:</p> <ul style="list-style-type: none"> • provides limited observations about how the ratios are similar or different over the two years. • may refer to the performance of the business • makes little attempt to provide a strategy for improvement in the future • demonstrates limited use of basic terminology and may use mathematical concepts 	1-4
<p>Late submission – no misadventure Assessment not submitted</p>	Parental notification
<p>Total mark for analysis and recommendations (part 2 and 3)</p>	/20
<p>Total mark for entire assignment</p>	/30
<p>Teacher Comment:</p>	

TED'S SHEDS
Income Statement
for the year ended 30 June

	2010		2009
Sales	950000		975000
Less Cost of Sales	<u>750000</u>		<u>850000</u>
GROSS PROFIT		200000	125000
<i>Less Expenses</i>			
Rates	1200		1000
Travel Expenses	1500		1500
Advertising	12500		17000
Showroom Expenses	35000		35000
Electricity	12000		14000
Postage	800	63000	850
NET PROFIT		\$ 137,000	\$ 55,650

TED'S SHEDS
Balance Sheet
as at 30 June

	2010		2009
ASSETS			
<i>Current</i>			
Bank	750		5000
Stock	365000		220000
Debtors	<u>450</u>	366200	<u>200</u>
<i>Non-Current</i>			
Machinery	1000		1000
Motor Vehicle	70000		35000
Computers	4500	75500	4500
		\$ 441,700	\$ 265,700
LIABILITIES			
<i>Current</i>			
Creditors	3000		7000
<i>Non-Current</i>			
Loan from Bank	<u>36000</u>		<u>5000</u>
		39000	12000
OWNER'S EQUITY			
Capital	265700		198050
Plus Net Profit	<u>137000</u>		<u>55650</u>
		402700	253700
		\$ 441,700	\$ 265,700



Subject: HSC Business Studies

Head Teacher: Jim Selwood

Date Issued: Week 6, Term 2, 2024

Weighting: 30%

Due Date: Friday 21st June (Week 8, Term 2, 2024)

Task Number: 3

OUTCOMES - A student:

H5 Explains management strategies and their impact on business

H8 Organises and evaluates information for actual and hypothetical business situations

H9 Communicates business information, issues and concepts in appropriate formats

H10 Applies mathematical concepts appropriately in business situations

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 - d. Net profit ratio
 - e. Expense ratio
2. **Compare** each ratio across the two-year period and **evaluate** the performance of the business for each ratio against the business' own performance and the industry benchmark.
3. **Recommend** three strategies for improvement in the future for the business, based on your analysis of the performance of the business.

You must present this information in a **business report format**.

ASSESSMENT CRITERIA: You will be assessed on your ability to:

- Calculate the financial ratios correctly, showing all working including the formula used.
- Demonstrate the ability to utilise ratios to compare and make judgement on the performance of the business
- Give recommendations of strategies the business can use to improve based on your analysis of the financial ratios

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	shows calculations using mathematical concepts	1
Debt to equity ratio	correctly calculates financial ratio by applying mathematical concepts appropriately (shows all working including formula used)	2
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Net profit ratio	correctly calculates financial ratio by applying mathematical concepts appropriately (shows all working including formula used)	2
	shows calculations using mathematical concepts	1
Expense ratio	correctly calculates financial ratio by applying mathematical concepts appropriately (shows all working including formula used)	2
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Total Marks		/10
<i>Teacher Comment:</i>		

CRITERIA	MARKS
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	2010		2009	
ASSETS				
<i>Current</i>				
Bank	750		5000	
Stock	365000		220000	
Debtors	<u>450</u>	366200	<u>200</u>	225200
<i>Non-Current</i>				
Machinery	1000		1000	
Motor Vehicle	70000		35000	
Computers	4500	75500	4500	40500
		<u>\$ 441,700</u>		<u>\$ 265,700</u>
LIABILITIES				
<i>Current</i>				
Creditors	3000		7000	
<i>Non-Current</i>				
Loan from Bank	<u>36000</u>		<u>5000</u>	
		39000		12000
OWNER'S EQUITY				
Capital	265700		198050	
Plus Net Profit	<u>137000</u>		<u>55650</u>	
		<u>402700</u>		<u>253700</u>
		<u>\$ 441,700</u>		<u>\$ 265,700</u>



Subject: HSC Business Studies

Head Teacher: Jim Selwood

Date Issued: Week 6, Term 2, 2024

Weighting: 30%

Due Date: Friday 21st June (Week 8, Term 2, 2024)

Task Number: 3

OUTCOMES - A student:

H5 Explains management strategies and their impact on business

H8 Organises and evaluates information for actual and hypothetical business situations

H9 Communicates business information, issues and concepts in appropriate formats

H10 Applies mathematical concepts appropriately in business situations

TASK DESCRIPTION:

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 - d. Net profit ratio
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2. **Compare** each ratio across the two-year period and **evaluate** the performance of the business for each ratio against the business' own performance and the industry benchmark.
3. **Recommend** three strategies for improvement in the future for the business, based on your analysis of the performance of the business.

You must present this information in a **business report format**.

ASSESSMENT CRITERIA: You will be assessed on your ability to:

- Calculate the financial ratios correctly, showing all working including the formula used.
- Demonstrate the ability to utilise ratios to compare and make judgement on the performance of the business
- Give recommendations of strategies the business can use to improve based on your analysis of the financial ratios

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RATIO CALCULATION	MARKING CRITERIA	MARKS
Current ratio	correctly calculates financial ratio by applying mathematical concepts appropriately (shows all working including formula used)	2
	shows calculations using mathematical concepts	1
Debt to equity ratio	correctly calculates financial ratio by applying mathematical concepts appropriately (shows all working including formula used)	2
	shows calculations using mathematical concepts	1
Return on owner's equity ratio	correctly calculates financial ratio by applying mathematical concepts appropriately (shows all working including formula used)	2
	shows calculations using mathematical concepts	1
Net profit ratio	correctly calculates financial ratio by applying mathematical concepts appropriately (shows all working including formula used)	2
	shows calculations using mathematical concepts	1
Expense ratio	correctly calculates financial ratio by applying mathematical concepts appropriately (shows all working including formula used)	2
	shows calculations using mathematical concepts	1
Total Marks		/10
<i>Teacher Comment:</i>		

CRITERIA	MARKS
<p>Outstanding – Extensive knowledge, understanding and skills are displayed through a response which:</p> <ul style="list-style-type: none"> • accurately analyses the ratios to show how the ratio is similar or different over the two years • makes a valid judgement of the performance of the business based on the comparison of two years and industry standards/benchmarks • provides three appropriate strategies for improvement of the business based on the financial performance of the business and demonstrates knowledge of the ratios • communicates using relevant business terminology and mathematical concepts in a cohesive response 	17-20
<p>High – Thorough knowledge, understanding and skills are displayed through a response which:</p> <ul style="list-style-type: none"> • analyses the ratios to show how the ratio is similar or different over the two years • makes judgements of the performance of the business based on the ratio calculations and financial information provided • provides three strategies for improvement of the business based on the financial performance of the business and demonstrates knowledge of the ratios • communicates using business terminology and mathematical concepts 	13-16
<p>Sound – Satisfactory knowledge, understanding and skills are displayed through a response which:</p> <ul style="list-style-type: none"> • shows how the ratio is similar or different over the two years • provides characteristics and features of the performance of the business • sketches in general terms three strategies for improvement in the future • communicates using business terminology and mathematical concepts 	9-12
<p>Basic – Elementary knowledge, understanding and skills are displayed through a response which:</p> <ul style="list-style-type: none"> • provides basic observations about how the ratios are similar or different over the two years. • provides basic statements about the performance of the business • Refers to at least one strategy for improvement in the future • uses basic terminology and may use mathematical concepts 	5- 8
<p>Limited – Students do not reach minimum requirements for this task, through a response which:</p> <ul style="list-style-type: none"> • provides limited observations about how the ratios are similar or different over the two years. • may refer to the performance of the business • makes little attempt to provide a strategy for improvement in the future • demonstrates limited use of basic terminology and may use mathematical concepts 	1-4
<p>Late submission – no misadventure Assessment not submitted</p>	Parental notification
<p>Total mark for analysis and recommendations (part 2 and 3)</p>	/20
<p>Total mark for entire assignment</p>	/30
<p>Teacher Comment:</p>	

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Income Statement
for the year ended 30 June

	2010		2009	
Sales	950000		975000	
Less Cost of Sales	<u>750000</u>		<u>850000</u>	
GROSS PROFIT		200000		125000
<i>Less Expenses</i>				
Rates	1200		1000	
Travel Expenses	1500		1500	
Advertising	12500		17000	
Showroom Expenses	35000		35000	
Electricity	12000		14000	
Postage	800	63000	850	69350
NET PROFIT		<u>\$ 137,000</u>		<u>\$ 55,650</u>

TED'S SHEDS
Balance Sheet
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	2010		2009	
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<i>Current</i>				
Bank	750		5000	
Stock	365000		220000	
Debtors	<u>450</u>	366200	<u>200</u>	225200
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LIABILITIES				
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Balance Sheet
as at 30 June

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Stock	365000		220000
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RATIO CALCULATION	MARKING CRITERIA	MARKS
Current ratio	correctly calculates financial ratio by applying mathematical concepts appropriately (shows all working including formula used)	2
	shows calculations using mathematical concepts	1
Debt to equity ratio	correctly calculates financial ratio by applying mathematical concepts appropriately (shows all working including formula used)	2
	shows calculations using mathematical concepts	1
Return on owner's equity ratio	correctly calculates financial ratio by applying mathematical concepts appropriately (shows all working including formula used)	2
	shows calculations using mathematical concepts	1
Net profit ratio	correctly calculates financial ratio by applying mathematical concepts appropriately (shows all working including formula used)	2
	shows calculations using mathematical concepts	1
Expense ratio	correctly calculates financial ratio by applying mathematical concepts appropriately (shows all working including formula used)	2
	shows calculations using mathematical concepts	1
Total Marks		/10
<i>Teacher Comment:</i>		

CRITERIA	MARKS
<p>Outstanding – Extensive knowledge, understanding and skills are displayed through a response which:</p> <ul style="list-style-type: none"> • accurately analyses the ratios to show how the ratio is similar or different over the two years • makes a valid judgement of the performance of the business based on the comparison of two years and industry standards/benchmarks • provides three appropriate strategies for improvement of the business based on the financial performance of the business and demonstrates knowledge of the ratios • communicates using relevant business terminology and mathematical concepts in a cohesive response 	17-20
<p>High – Thorough knowledge, understanding and skills are displayed through a response which:</p> <ul style="list-style-type: none"> • analyses the ratios to show how the ratio is similar or different over the two years • makes judgements of the performance of the business based on the ratio calculations and financial information provided • provides three strategies for improvement of the business based on the financial performance of the business and demonstrates knowledge of the ratios • communicates using business terminology and mathematical concepts 	13-16
<p>Sound – Satisfactory knowledge, understanding and skills are displayed through a response which:</p> <ul style="list-style-type: none"> • shows how the ratio is similar or different over the two years • provides characteristics and features of the performance of the business • sketches in general terms three strategies for improvement in the future • communicates using business terminology and mathematical concepts 	9-12
<p>Basic – Elementary knowledge, understanding and skills are displayed through a response which:</p> <ul style="list-style-type: none"> • provides basic observations about how the ratios are similar or different over the two years. • provides basic statements about the performance of the business • Refers to at least one strategy for improvement in the future • uses basic terminology and may use mathematical concepts 	5- 8
<p>Limited – Students do not reach minimum requirements for this task, through a response which:</p> <ul style="list-style-type: none"> • provides limited observations about how the ratios are similar or different over the two years. • may refer to the performance of the business • makes little attempt to provide a strategy for improvement in the future • demonstrates limited use of basic terminology and may use mathematical concepts 	1-4
<p>Late submission – no misadventure Assessment not submitted</p>	Parental notification
<p>Total mark for analysis and recommendations (part 2 and 3)</p>	/20
<p>Total mark for entire assignment</p>	/30
<p>Teacher Comment:</p>	

TED'S SHEDS
Income Statement
for the year ended 30 June

	2010		2009	
Sales	950000		975000	
Less Cost of Sales	<u>750000</u>		<u>850000</u>	
GROSS PROFIT		200000		125000
<i>Less Expenses</i>				
Rates	1200		1000	
Travel Expenses	1500		1500	
Advertising	12500		17000	
Showroom Expenses	35000		35000	
Electricity	12000		14000	
Postage	800	63000	850	69350
NET PROFIT		<u>\$ 137,000</u>		<u>\$ 55,650</u>

TED'S SHEDS
Balance Sheet
as at 30 June

	2010		2009	
ASSETS				
<i>Current</i>				
Bank	750		5000	
Stock	365000		220000	
Debtors	<u>450</u>	366200	<u>200</u>	225200
<i>Non-Current</i>				
Machinery	1000		1000	
Motor Vehicle	70000		35000	
Computers	4500	75500	4500	40500
		<u>\$ 441,700</u>		<u>\$ 265,700</u>
LIABILITIES				
<i>Current</i>				
Creditors	3000		7000	
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Loan from Bank	<u>36000</u>		<u>5000</u>	
		39000		12000
OWNER'S EQUITY				
Capital	265700		198050	
Plus Net Profit	<u>137000</u>		<u>55650</u>	
		402700		253700
		<u>\$ 441,700</u>		<u>\$ 265,700</u>



Subject: HSC Business Studies

Head Teacher: Jim Selwood

Date Issued: Week 6, Term 2, 2024

Weighting: 30%

Due Date: Friday 21st June (Week 8, Term 2, 2024)

Task Number: 3

OUTCOMES - A student:

H5 Explains management strategies and their impact on business

H8 Organises and evaluates information for actual and hypothetical business situations

H9 Communicates business information, issues and concepts in appropriate formats

H10 Applies mathematical concepts appropriately in business situations

TASK DESCRIPTION:

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1. **Calculate** the following ratios for each of the 2 years. You must show all your working with your answer, including the formula used.
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 - e. Expense ratio
2. **Compare** each ratio across the two-year period and **evaluate** the performance of the business for each ratio against the business' own performance and the industry benchmark.
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You must present this information in a **business report format**.

ASSESSMENT CRITERIA: You will be assessed on your ability to:

- Calculate the financial ratios correctly, showing all working including the formula used.
- Demonstrate the ability to utilise ratios to compare and make judgement on the performance of the business
- Give recommendations of strategies the business can use to improve based on your analysis of the financial ratios

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Head Teacher: Jim Selwood

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<p>Limited – Students do not reach minimum requirements for this task, through a response which:</p> <ul style="list-style-type: none"> • provides limited observations about how the ratios are similar or different over the two years. • may refer to the performance of the business • makes little attempt to provide a strategy for improvement in the future • demonstrates limited use of basic terminology and may use mathematical concepts 	1-4
<p>Late submission – no misadventure Assessment not submitted</p>	Parental notification
<p>Total mark for analysis and recommendations (part 2 and 3)</p>	/20
<p>Total mark for entire assignment</p>	/30
<p>Teacher Comment:</p>	

TED'S SHEDS
Income Statement
for the year ended 30 June

	2010		2009	
Sales	950000		975000	
Less Cost of Sales	<u>750000</u>		<u>850000</u>	
GROSS PROFIT		200000		125000
<i>Less Expenses</i>				
Rates	1200		1000	
Travel Expenses	1500		1500	
Advertising	12500		17000	
Showroom Expenses	35000		35000	
Electricity	12000		14000	
Postage	800	63000	850	69350
NET PROFIT		<u>\$ 137,000</u>		<u>\$ 55,650</u>

TED'S SHEDS
Balance Sheet
as at 30 June

	2010		2009	
ASSETS				
<i>Current</i>				
Bank	750		5000	
Stock	365000		220000	
Debtors	<u>450</u>	366200	<u>200</u>	225200
<i>Non-Current</i>				
Machinery	1000		1000	
Motor Vehicle	70000		35000	
Computers	4500	75500	4500	40500
		<u>\$ 441,700</u>		<u>\$ 265,700</u>
LIABILITIES				
<i>Current</i>				
Creditors	3000		7000	
<i>Non-Current</i>				
Loan from Bank	<u>36000</u>		<u>5000</u>	
		39000		12000
OWNER'S EQUITY				
Capital	265700		198050	
Plus Net Profit	<u>137000</u>		<u>55650</u>	
		402700		253700
		<u>\$ 441,700</u>		<u>\$ 265,700</u>



Subject: HSC Business Studies

Head Teacher: Jim Selwood

Date Issued: Week 6, Term 2, 2024

Weighting: 30%

Due Date: Friday 21st June (Week 8, Term 2, 2024)

Task Number: 3

OUTCOMES - A student:

H5 Explains management strategies and their impact on business

H8 Organises and evaluates information for actual and hypothetical business situations

H9 Communicates business information, issues and concepts in appropriate formats

H10 Applies mathematical concepts appropriately in business situations

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1. **Calculate** the following ratios for each of the 2 years. You must show all your working with your answer, including the formula used.
 - a. Current ratio
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 - d. Net profit ratio
 - e. Expense ratio
2. **Compare** each ratio across the two-year period and **evaluate** the performance of the business for each ratio against the business' own performance and the industry benchmark.
3. **Recommend** three strategies for improvement in the future for the business, based on your analysis of the performance of the business.

You must present this information in a **business report format**.

ASSESSMENT CRITERIA: You will be assessed on your ability to:

- Calculate the financial ratios correctly, showing all working including the formula used.
- Demonstrate the ability to utilise ratios to compare and make judgement on the performance of the business
- Give recommendations of strategies the business can use to improve based on your analysis of the financial ratios

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	shows calculations using mathematical concepts	1
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	shows calculations using mathematical concepts	1
Net profit ratio	correctly calculates financial ratio by applying mathematical concepts appropriately (shows all working including formula used)	2
	shows calculations using mathematical concepts	1
Expense ratio	correctly calculates financial ratio by applying mathematical concepts appropriately (shows all working including formula used)	2
	shows calculations using mathematical concepts	1
Total Marks		/10
<i>Teacher Comment:</i>		

CRITERIA	MARKS
<p>Outstanding – Extensive knowledge, understanding and skills are displayed through a response which:</p> <ul style="list-style-type: none"> • accurately analyses the ratios to show how the ratio is similar or different over the two years • makes a valid judgement of the performance of the business based on the comparison of two years and industry standards/benchmarks • provides three appropriate strategies for improvement of the business based on the financial performance of the business and demonstrates knowledge of the ratios • communicates using relevant business terminology and mathematical concepts in a cohesive response 	17-20
<p>High – Thorough knowledge, understanding and skills are displayed through a response which:</p> <ul style="list-style-type: none"> • analyses the ratios to show how the ratio is similar or different over the two years • makes judgements of the performance of the business based on the ratio calculations and financial information provided • provides three strategies for improvement of the business based on the financial performance of the business and demonstrates knowledge of the ratios • communicates using business terminology and mathematical concepts 	13-16
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Loan from Bank	<u>36000</u>		<u>5000</u>	
		39000		12000
OWNER'S EQUITY				
Capital	265700		198050	
Plus Net Profit	<u>137000</u>		<u>55650</u>	
		<u>402700</u>		<u>253700</u>
		<u>\$ 441,700</u>		<u>\$ 265,700</u>



Subject: HSC Business Studies

Head Teacher: Jim Selwood

Date Issued: Week 6, Term 2, 2024

Weighting: 30%

Due Date: Friday 21st June (Week 8, Term 2, 2024)

Task Number: 3

OUTCOMES - A student:

H5 Explains management strategies and their impact on business

H8 Organises and evaluates information for actual and hypothetical business situations

H9 Communicates business information, issues and concepts in appropriate formats

H10 Applies mathematical concepts appropriately in business situations

TASK DESCRIPTION:

You will be provided the financial documents (Income Statement and Balance Sheet) for a business for 2 years. Using the information provided, you need to analyse the information in order to answer the task.

1. **Calculate** the following ratios for each of the 2 years. You must show all your working with your answer, including the formula used.
 - a. Current ratio
 - b. Debt to equity ratio
 - c. Return on owner's equity ratio
 - d. Net profit ratio
 - e. Expense ratio
2. **Compare** each ratio across the two-year period and **evaluate** the performance of the business for each ratio against the business' own performance and the industry benchmark.
3. **Recommend** three strategies for improvement in the future for the business, based on your analysis of the performance of the business.

You must present this information in a **business report format**.

ASSESSMENT CRITERIA: You will be assessed on your ability to:

- Calculate the financial ratios correctly, showing all working including the formula used.
- Demonstrate the ability to utilise ratios to compare and make judgement on the performance of the business
- Give recommendations of strategies the business can use to improve based on your analysis of the financial ratios

Late Submission of Assignments:

Assignments should be submitted by 3:15pm on the due date. If your assignment is submitted after 3:15pm, it will be considered a LATE submission.

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Any late assignment submissions without an approved misadventure form will receive a grade of zero marks.

RATIO CALCULATION	MARKING CRITERIA	MARKS
Current ratio	correctly calculates financial ratio by applying mathematical concepts appropriately (shows all working including formula used)	2
	shows calculations using mathematical concepts	1
Debt to equity ratio	correctly calculates financial ratio by applying mathematical concepts appropriately (shows all working including formula used)	2
	shows calculations using mathematical concepts	1
Return on owner's equity ratio	correctly calculates financial ratio by applying mathematical concepts appropriately (shows all working including formula used)	2
	shows calculations using mathematical concepts	1
Net profit ratio	correctly calculates financial ratio by applying mathematical concepts appropriately (shows all working including formula used)	2
	shows calculations using mathematical concepts	1
Expense ratio	correctly calculates financial ratio by applying mathematical concepts appropriately (shows all working including formula used)	2
	shows calculations using mathematical concepts	1
Total Marks		/10
<i>Teacher Comment:</i>		

CRITERIA	MARKS
<p>Outstanding – Extensive knowledge, understanding and skills are displayed through a response which:</p> <ul style="list-style-type: none"> • accurately analyses the ratios to show how the ratio is similar or different over the two years • makes a valid judgement of the performance of the business based on the comparison of two years and industry standards/benchmarks • provides three appropriate strategies for improvement of the business based on the financial performance of the business and demonstrates knowledge of the ratios • communicates using relevant business terminology and mathematical concepts in a cohesive response 	17-20
<p>High – Thorough knowledge, understanding and skills are displayed through a response which:</p> <ul style="list-style-type: none"> • analyses the ratios to show how the ratio is similar or different over the two years • makes judgements of the performance of the business based on the ratio calculations and financial information provided • provides three strategies for improvement of the business based on the financial performance of the business and demonstrates knowledge of the ratios • communicates using business terminology and mathematical concepts 	13-16
<p>Sound – Satisfactory knowledge, understanding and skills are displayed through a response which:</p> <ul style="list-style-type: none"> • shows how the ratio is similar or different over the two years • provides characteristics and features of the performance of the business • sketches in general terms three strategies for improvement in the future • communicates using business terminology and mathematical concepts 	9-12
<p>Basic – Elementary knowledge, understanding and skills are displayed through a response which:</p> <ul style="list-style-type: none"> • provides basic observations about how the ratios are similar or different over the two years. • provides basic statements about the performance of the business • Refers to at least one strategy for improvement in the future • uses basic terminology and may use mathematical concepts 	5- 8
<p>Limited – Students do not reach minimum requirements for this task, through a response which:</p> <ul style="list-style-type: none"> • provides limited observations about how the ratios are similar or different over the two years. • may refer to the performance of the business • makes little attempt to provide a strategy for improvement in the future • demonstrates limited use of basic terminology and may use mathematical concepts 	1-4
<p>Late submission – no misadventure Assessment not submitted</p>	Parental notification
<p>Total mark for analysis and recommendations (part 2 and 3)</p>	/20
<p>Total mark for entire assignment</p>	/30
<p>Teacher Comment:</p>	

TED'S SHEDS
Income Statement
for the year ended 30 June

	2010		2009	
Sales	950000		975000	
Less Cost of Sales	<u>750000</u>		<u>850000</u>	
GROSS PROFIT		200000		125000
<i>Less Expenses</i>				
Rates	1200		1000	
Travel Expenses	1500		1500	
Advertising	12500		17000	
Showroom Expenses	35000		35000	
Electricity	12000		14000	
Postage	800	63000	850	69350
NET PROFIT		<u>\$ 137,000</u>		<u>\$ 55,650</u>

TED'S SHEDS
Balance Sheet
as at 30 June

	2010		2009	
ASSETS				
<i>Current</i>				
Bank	750		5000	
Stock	365000		220000	
Debtors	<u>450</u>	366200	<u>200</u>	225200
<i>Non-Current</i>				
Machinery	1000		1000	
Motor Vehicle	70000		35000	
Computers	4500	75500	4500	40500
		<u>\$ 441,700</u>		<u>\$ 265,700</u>
LIABILITIES				
<i>Current</i>				
Creditors	3000		7000	
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Loan from Bank	<u>36000</u>		<u>5000</u>	
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Total Marks		/10
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