General Outcome: Develop spatial sense and proportional reasoning. Specific Outcomes It is expected that students will: 11A.M.1. Solve problems that involve the application of
proportional reasoning. Specific Outcomes It is expected that students will: 11A.M.1. Solve problems that involve the application of
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11A.M.1. Solve problems that involve the application of
rates. [CN, PS, R, T]
11A.M.2. Solve problems that involve scale diagrams, using proportional reasoning.[CN, PS, R, T, V]
11A.M.3. Demonstrate an understanding of the relationships among scale factors, areas, surface areas and volumes of similar 2-D shapes and 3-D objects.

Geometry				
General Outcome: Develop spatial sense.				
Specific Outcomes				
It is expected that students will:				
11A.G.1. Derive proofs that involve the properties of angles and triangles.				
[CN, R, T, V]				
11A.G.2. Solve problems that involve the properties of angles and triangles.				
[CN, PS, T, V]				
11A.G.3. Solve problems that involve the cosine law and the sine law, including the ambiguous case.				
[CN, PS, R, T]				

Logical Reasoning			
General Outcome: Develop logical			
reasoning.			
Specific Outcomes			
It is expected that students will:			
11A.L.1. Analyze and prove conjectures, using inductive and deductive reasoning, to solve problems.			
[C, CN, PS, R, T]			
11A.L.2. Analyze puzzles and games that involve spatial reasoning, using problem-solving strategies.			
[UN, PS, K, 1, V]			

Statistics				
General C	outcome:	Develop statistical		
reasoning	•			
	Speci	ific Outcomes		
It is expecte	d that studer	nts will:		
114.01 5				
IIA.S.I. L	Demonstrate	an understanding of normal		
u	standard o	deviation		
	 z-scores. 			
[CN, PS, T,	V]			
11A.S.2. In	terpret statis	stical data, using:		
•	 confidence 	ce intervals		
•	 confidence 	ce levels		
•	 margin of 	f error.		
[C, CN, R, 7	Γ]			

Relations and Functions			
General Outcome: Develop algebraic and graphical reasoning through the study of relations.			
Specific Outcomes			
It is expected that students will:			
11A.R.1. Model and solve problems that involve systems of linear inequalities in two variables.[CN, PS, T, V]			
 11A.R.2. Demonstrate an understanding of the characteristics of quadratic functions, including: vertex intercepts domain and range axis of symmetry. 			
[CN, PS, T, V]			



Processes:

C – Communication PS – Problem Solving V – Visualization CN – Connections R – Reasoning ME – Mental Mathematics and Estimation T – Technology

http://www.edu.gov.mb.ca/k12/cur/math/outcomes/index.html