Unit 1 – 2D/3D Measurement – Portfolio 1 – Area and Perimeter of Composite Figures

Final date for this Lesson work to be submitted is Monday, August 15, 2011

Layer	Task	Task Notes	Points	Earned
Common Tasks (6 required)	1. Writing Exercise	Write a paragraph to an MATH I student in which you briefly explain how to calculate the area and perimeter of a composite figure. Make sure your partner(s) have read your work and understand your explanation	5 points	
	2. Model Building	You will build a working model of a composite figure, comprising of at least 3 shapes (one that can be separated into its basic shapes)	5 points	
	3. Make a Movie	You will make a video of an explanation of your solution to a homework/task question. Use the white board or notebook in your solution presentation.	5 points	
	4. Peer Tutoring	For any work in the P, M, E layers and Homework, work with another student to correct all questions that are incorrect	5 points	
	5. Write a Quiz	The quiz will be word processed, comprise of 3 questions, one of which must be at the M level. You will include a detailed answer key that shows how the marks are distributed.	5 points	
	6. HW Quiz	Take a quiz written by one of your peers	5 points	
	7. Project Updates	You provide me project updates every lesson, wherein you show me what you have accomplished since last class.	5 points	
	8. Oral Defence	I will select a random levelled question from the HW (your choice as to the level of the question) and you will verbally present your complete solution to me	5 points	
Proficiency	Simple Shapes	1. Complete Textbook Questions: See HW Grid 2. Complete the Composite Figures Worksheet, Q1-5	35 pts 20 pts	**"B" Level**
Mastery	Composite Shapes	1. Complete Textbook Questions: See HW Grid 2. Complete the Composite Figures Worksheet, Q1-8	30 pts 32 pts	**"B⁺/A⁻" Level**
Expert	Optimization Area and Perimeter	1. Complete Textbook Questions: See HW Grid 2. Complete the Composite Figures Worksheet, Q5-8 3. Complete the Optimization Worksheet 1 and Worksheet 2, all Q	30 pts 16 pts 24 pts	**"Studies" Level**