Scoring Guide for POW 9: Tessellation Pictures

	MAX SCORE	SCORE
1. PART 1: Make a "Tessellation Shape" (4 pts.)		
a. Define and restate the properties of a "tessellation shape"	**2**	
b. Describe how to make a "tessellation shape from an index card"	**2**	
2. PART 2: More Tessellation Shapes (14 pts)		
c. Describe how to make a "tessellation shape" from other parallelograms	**2**	
d. Describe how you can start with a "tessellation shape" to make a new "tessellation shape	**2**	
e. Describe how to make 'tessellation shapes" using objects other than index cards	**2**	
f. Provide all "tessellation shapes" created	**4**	
g. Describe any problems you had, and how you solved them	**4**	
h. Describe all assistance provided and how it helped you	**2**	
3. PART 3: Make a Tessellation Picture (20 pts)		
a. State why you choose a specific "tessellation shape" for use in your "tessellation picture"	**2**	
b. Describe how you worked on the shape until it was "really well designed and worth using in your final product"	**2**	
c. Describe how you colored each shape so it "looked like something interesting"	**2**	
d. Describe how you would evaluate the quality of your picture for "mathematical content"	**4**	
e. Describe how you would evaluate the quality of your picture for "beauty"	**4**	
f. Provide tessellation picture(s) created	**6**	
4. EVALUATION (4pts)		
a. Write a one paragraph summary of "what you learned from this POW"	**6**	
5. SELF-ASSESSMENT (8 pts)		
a. Grade and Justify your work using a self-assessment scoring rubric	**4**	
b. Write a one paragraph summary that identifies your weakest areas in this POW and describe the problems you had or the reasons you become "stuck" in these areas	**4**	
TOTAL SCORE	**50**	

COMMENTS: