

On the Write Track With Math: How To Incorporate Better Understanding of Math Concepts Through Literature and Writing

Objective(s)	Activities	Assessment	Time
Week One			
-Will practice the virtual chat -By working in groups, will read and respond by interpreting and sharing thoughts from poem on math and writing -Groups will post a response to the piece in the discussion board -Will place in portfolio	“Reflection on Quote”	Practice – make sure there is a thread posted	1 hour
-Will analyze and choose own unit in math that will be used to complete course requirements		Make sure there is posting on the due date	.5 hours
Week Two			
-Participants will independently read and critique online articles on rubrics from the MarcoPolo web site -Will work in cooperative groups to report findings in other presentation than verbal/Linguistic and highlight information -Will place in portfolio	Key Points of Rubrics through Multiple Intelligences	“Group Report Rubric”	2 hours
-Groups will show understanding of rubrics by having fun in creating a holistic rubric with the topic given to them: “A First Date,” “A Faculty Meeting,” “The Perfect Course,” or “A Good Administrator” -Post in discussion board an portfolio	Key Points of Rubrics through Multiple Intelligences	“Group Report Rubric”	1 hour
Week Three			
-Will watch video from “Illuminations” on MarcoPolo website and answer reflection questions -Discuss in groups and post responses as whole group understanding of video	Video: Writing in Math Curriculum	Reflection Answers Rubric Group Responses Rubric	2 hours
Week Four			
-Will independently read MarcoPolo website article on rationale for incorporating writing in the math curriculum and choose an online article of choice dealing with the topic at hand	3/2/1 Activity	3/2/1 Rubric	2 hours (1 hour for each article)

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-Will complete a 3/2/1 metacognitive reflection reaction to the article -Will place in discussion board and portfolio			
-Will read and analyze website on “wordwalls” -Will create a wordwall for their unit of choice and post in discussion board and portfolio -Will complete a “Thinking at Right Angles” metacognitive reflection on how “wordwalls” can be useful in the math curriculum and post in discussion board and portfolio	“Wordwalls” “Thinking at Right Angles”	Wordwall display in portfolio Rubric for “Thinking at Right Angles”	1 hour
-Will organize wordwalls into taxonomy. Will also add any additional vocabulary as necessary in taxonomy -Will post in discussion board and portfolio	“Taxonomies”	Posting	.5 hours
Week Five			
-Will investigate as a group “Metacognitive Stems” & “Math Journals” and create & post acceptable answers for at least 5 relating to their math curriculum modeling what students would respond to in their classes	Creating Metacognitive Stems and Math Journals	Journaling Rubrics	1 hour
-Will examine website dealing with “Literature Circles” -In groups, report out how the link between this process and math are connected. What suggestions do they have for incorporating these activities into math curriculum? -Post in discussion board and portfolio	Analyzing Literature Circles and their Connection to math	Literature Circle Rubrics	1 hour
Week Six			
-Will complete Literature Circle Role sheets for their unit in math	Literature Circle Role Sheets	Role Sheet Rubrics	1 hour
-Complete Portfolio and email			1.5 hours