

Outcomes	Assessment	Activity	NYS Standards	Time
Students will introduce themselves and become comfortable community building	Post in the Introduction thread	Write an introduction and explain your educational background,. Demonstrate how you teach math and use assessments	N/A	20 min
Students will understand the goals of the course and guidelines	Post in the Roadmap thread	Read the course Roadmap and course guidelines. List three elements that jumped out at you and why.	N/A	20 min
Students will explain why they're taking the course and discuss areas they would like to improve	Posting of discussions  Participant rubric	Respond through a synchronous chat Discuss elements you may have in common and give advice based on your background	ELA 4 CDOS	20 min
<b>Week Two</b>				
Students will gain an understanding and evaluate the New York State Math Key Ideas and articulate MST Standard 3, performance indicators, and core curriculum	Post resources with appropriate citations  Notes are posted in class group areas	Readings- Understand the seven Key ideas, performance indicators, and related activities. For each key idea list the key concepts and learning skills associated with it. (Resources: web sites and curriculum guides)	MST 3 Key Ideas 1-7	2 hrs

Students will discuss how they currently use the key ideas in their daily curriculums and share their ideas with other participants	Post to Key Idea thread	Write a brief description of how you incorporate the key ideas  Respond to another participant's ideas	MST 3 Key Ideas 1-7	30 min
<b>Week Three</b>				
Students will develop lessons and learning activities that reflect the key ideas	Rubric  Posting of discussions  Match assessments with standards and performance indicators  Respond to peer activities	Readings Explore Marco Polo and various online resources to locate exemplar lessons to connect classroom activities. Create key idea lessons and share through group and class discussions - explore peer activities	MST 3	1.5 hrs
Students will learn how to develop assessments and learn the principles of creating authentic rubrics	Posting of assessments and rubrics  Group and class discussions	-View the New York State two point and three point rubrics -Adapting and develop assessment through products: Oral, Visual, Kinesthetic, and Written -Use tools to match assessment with standards and performance indicators (Resources: Online sources, Educational Leadership: Math Learning Styles)	MST 3	2hrs

Students will develop a timeline to implement the math key ideas in instruction	Post a work in progress timeline with explanation of decisions in Timeline Thread (subject to adjustment)	Readings/District Maps Class discussions Design a timeline	MST 3	1 hr
<b>Week Four and Five</b>				
Students will match problem solving strategies to the appropriate key ideas	Post in the Discussion Board  Rubric	Define problem solving strategies. Make a list of problem solving strategies to use with the key ideas	MST 3	1.5 hrs
Students will understand and implement intervention activities that will complement the math Key Ideas	Rubric  Post in Intervention thread  Case Study posted	Develop a list of intervention strategies adaptable to the key ideas Adapting interventions to particular need of child/case study (Resources: Educational Leadership: Math Interventions that Work, Online resources)	MST 3 CDOS	1.5 hrs
Students will gain an understanding of the similarities and differences of the key ideas	Post in Key idea thread	Compare and Contrast the similarities and differences between the key ideas, both in procedural and conceptual knowledge (Resources: Web sites, readings)	MST 3 ELA 3	1.5 hrs
<b>Week Six</b>				

