

Newburgh Teacher Center
In-service Course Proposal
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Return by October 30, 2009

Title:	Colored Tiles, Base Tens, Snap Cubes, Oh My!		
Curriculum Area:	Mathematics		
Learning Standards:	Learning Standard #3		
Presenter(s):	Laurina Maurice&Elizabeth Rossetter	Email:	Air23mjj@yahoo.com erosssett@Newburgh.k12.NY.us
Dates:	Tuesdays starting Jan.5th-March 9th		
Time:	4:15PM – 7:15PM		
Location:	Meadow Hill library		
Credit(s):	2 credits		
Hours:	30 hours		
Target Audience:	Elementary teachers and T.A.'s including special Ed. and support services		
Course Description:	<p style="text-align: center;">Teachers will explore using various manipulatives to enhance student learning across the content areas. Tactile learning of various curriculum skills will be beneficial to all students especially ELL's and SWD's.</p>		
Course Requirements:	<ul style="list-style-type: none"> -Attendance -Participation -Implementation of lessons using manipulatives in their classrooms. 		
Maximum Enrollment:	30		

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Credit and permission granted by Jay McTighe – UbD

Name of In-service Proposal: Color Tiles, Base Tens, Snap Cubes, Oh My!

Name of Instructor(s): Laurina Maurice&Elizabeth Rossetter

Desired Results

Goal(s): To provide teachers with a variety of hands on activities to enhance student achievement.

Understanding(s):

-NECSD curriculum maps for their grade level / content area.
-How to integrate manipulatives into various lessons.

Essential Question(s):

**-How can we use various manipulatives effectively?
-How can we help teachers improve their delivery of instruction while using manipulatives?**

Knowledge/Skills:

-NECSD curriculum maps
-Various manipulatives

Assessment Evidence

Direct Evidence:

-All of the above will be assessed in group discussions.
-Student work that has been implemented in their classroom.
-Binders will be completed with Math Activities

Learning Plan

Learning Activities:

**-Discussion-small and large group
-Numerous activities that incorporate manipulatives and how modifications and accommodations can be made.**