



Unit Map 2012-2013

Monroe #2 - Orleans BOCES (Regional Collaboration)

Collaboration / Math 1* / Grade 1 (Math Regional Curriculum)

Friday, October 12, 2012, 10:25AM



Standard/Module: Proficiency with Measurement and Data: 1.MD.2 (Week 1, 20 Weeks)  	
Stage 1: Desired Results	
Standards Focus	
<ul style="list-style-type: none"> Additional (10%) 1.NBT.1, 1.NBT.2 	
 1st grade proficiency map.pdf	
Standards	
NYS: CCLS:Mathematics, NYS: 1st Grade , Measurement & Data	
1.MD Measure lengths indirectly and by iterating length units.	
<ul style="list-style-type: none"> 2. Express the length of an object as a whole number of length units, by laying multiple copies of a shorter object (the length unit) end to end; understand that the length measurement of an object is the number of same-size length units that span it with no gaps or overlaps. Limit to contexts where the object being measured is spanned by a whole number of length units with no gaps or overlaps. 	
Enduring Understandings	Essential Questions
<ul style="list-style-type: none"> use of non-standard units of measure can be used to measure objects. In order to measure accurately, non-standard unit of measures must be laid end to end with no gaps or overlaps. 	<ul style="list-style-type: none"> How does learning to use non-standard units of measure help you to understand the use of other tools to measure?
Critical Content	
<ul style="list-style-type: none"> non-standard units of measure length of objects 	
Skills	Vocabulary
<ul style="list-style-type: none"> Understand that the number of units used, represents the length of the object. express the length of objects using a non-standard unit of measure. Learn to use a non-standard unit of measure to measure objects by placing them end to 	<p>Tier 2:</p> <ul style="list-style-type: none"> length end to end overlaps gaps <p>Tier 3:</p>

end without gaps or overlaps.	<ul style="list-style-type: none"> ▪ non-standard unit of measure
Stage 2: Assessment Evidence	
Assessments	
measuring length with non-standard units Formative: Test: Written Student will use non-standard units of measure to measure the length of objects.	
Stage 3: Learning Plan	
Learning Activities <ul style="list-style-type: none"> ▪ Measure a length of tape on the floor with three different nonstandard units of measure, i.e., craft sticks, color tiles, baby steps (template of a baby's foot), basketball step (template of a basketball player's foot) ▪ Measure an object drawn on paper using color tiles ▪ Place three objects of different lengths in order of size and ▪ compare the lengths of two of the objects by using the third object. For example, the blue stick is longer than the pencil but shorter than the string of yarn. 	Resources <ul style="list-style-type: none">  http://kids.aol.com/KOL/2/HomeworkHelp/Archive/homeworkhelp-jr-measurement  http://pbskids.org/clifford/games/measuring_up.html  http://www.zoodles.com/free-online-kids-games/first-1st-grade
Differentiation Opportunities	

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