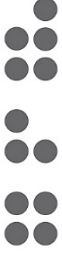



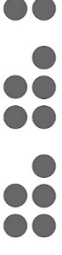


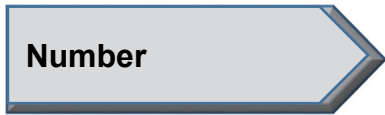




Master 113a: Activity 42 Assessment

Early Multiplicative Thinking: Consolidation

Equal Sharing Behaviours/Strategies			
1. Student turns over a card, but struggles to say the number name sequence forward and does not start with correct number of items.		3. Student shares items equally by sharing one item at a time. 	4. Student successfully shares items equally by sharing more than one item at a time (partitive sharing). 
Observations/Documentation			
Equal Grouping Behaviours/Strategies			
1. Student arranges objects in groups, but not all groups are of the same size. 	2. Student arranges objects in equal groups, but ignores the leftovers.  "I made 2 groups of 5."	3. Student arranges objects in equal groups, but struggles to write a number sentence.  "I don't know what to write."	4. Student successfully arranges objects in equal groups and writes a repeated addition and multiplication sentence.  $4 + 4 + 4 = 12$ $3 \times 4 = 12$
Observations/Documentation			



Master 113b: Cluster Assessment

Whole Class

Big Idea					Indicators from Learning Progression				
Curriculum Expectations addressed									
Student Names									
Student can group items in 2s, 5s, and 10s. (Activities 37, 42)									
Student realizes that the quantity will be the same when items are grouped in different ways. (Activity 37)									
Student can model and solve equal-sharing problems. (Activities 38, 42)									
Student can model and solve equal-grouping problems. (Activities 39, 42)									
Student recognizes that as the number of items in a group increases, the number of equal groups decreases. (Activity 39)									
Student can use repeated addition of groups to solve problems. (Activity 40)									
Student can write repeated addition/multiplication sentences to represent problems. (Activities 40, 41, 42)									
Student can relate repeated addition on a number line to multiplication. (Activity 41)									

Name: _____

	Not Observed	Sometimes	Consistently
Groups items in 2s, 5s, and 10s. (Activities 37, 42)			
Realizes that the quantity will be the same when items are grouped in different ways. (Activity 37)			
Models and solves equal-sharing problems. (Activities 38, 42)			
Models and solves equal-grouping problems. (Activities 39, 42)			
Recognizes that as the number of items in a group increases, the number of equal groups decreases. (Activity 39)			
Uses repeated addition of groups to solve problems. (Activity 40)			
Writes repeated addition/multiplication sentences to represent problems. (Activities 40, 41, 42)			
Relates repeated addition on a number line to multiplication. (Activity 41)			

Strengths:

Next Steps: