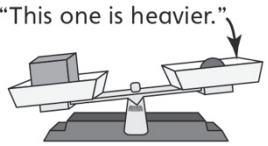
Measurement

Master 17a: Activity 7 Assessment

Using Non-Standard Units: Consolidation

Measuring Behaviours/Strategies			
1. Student estimates objects by length, area, capacity, and mass using non-standard units, but estimates are unreasonable.	2. Student chooses an attribute, but does not select an appropriate non-standard unit to measure. "I will use the pan balance to measure area."	3. Student measures objects using non-standard units, but focuses on one attribute. "I like to measure length."	4. Student measures objects by length and area using non-standard units, but leaves gaps or overlaps. 
Observations/Documentation			
5. Student measures objects by capacity using non-standard units, but does not fill the container.	6. Student measures objects by mass with non-standard units, but thinks the heavier object is in the higher pan of the pan balance. 	7. Student successfully measures objects by length, area, capacity, and mass using non-standard units, but does not include a unit with the measure. "Its area is 6."	8. Student successfully measures objects by length, area, capacity, and mass using non-standard units.
Observations/Documentation			

Measurement

Master 17b: Cluster Assessment
Whole Class

Big Idea					Indicators from Learning Progression				
Curriculum Expectations addressed									
Student Names									
Student can use non-standard units to estimate, compare, and measure objects by length/distance around. **(Activities 1, 3, 7)**									
Student realizes that turning an object does not affect its length. **(Activity 1)**									
Student can measure objects by length by iterating a single non-standard unit. **(Activities 2, 3, 7)**									
Student can use a pan balance to measure and compare masses. **(Activities 4, 7)**									
Student can use non-standard units to estimate, measure, and compare objects by area. **(Activities 5, 7)**									
Student can use an intermediary object to estimate, measure, compare, and order objects by capacity. **(Activities 6, 7)**									
Student can choose an appropriate unit to measure a given attribute. **(Activity 7)**									
Student measures objects by length and area leaving no gaps or overlaps. **(Activities 1, 2, 3, 5, 7)**									
Student includes a unit with all measures. **(Activities 1, 2, 3, 4, 5, 6, 7)**									

Measurement

Master 17c: Cluster Assessment
Individual

Name: _____

	Not Observed	Sometimes	Consistently
Uses non-standard units to estimate, compare, and measure objects by length/distance around. **(Activities 1, 3, 7)**			
Realizes that turning an object does not affect its length. **(Activity 1)**			
Measures objects by length by iterating a single non-standard unit. **(Activities 2, 3, 7)**			
Uses a pan balance to measure and compare masses. **(Activities 4, 7)**			
Uses non-standard units to estimate, measure, and compare objects by area. **(Activities 5, 7)**			
Uses an intermediary object to estimate, measure, compare, and order objects by capacity. **(Activities 6, 7)**			
Chooses an appropriate unit to measure a given attribute. **(Activity 7)**			
Measures objects by length and area leaving no gaps or overlaps. **(Activities 1, 2, 3, 5, 7)**			
Includes a unit with all measures. **(Activities 1, 2, 3, 4, 5, 6, 7)**			

Strengths:

Next Steps: