
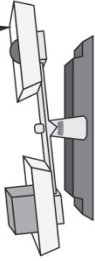


Master 17a: Activity 7 Assessment

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.  "This one is heavier."	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			

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)									

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: