

Student Name \_\_\_\_\_

**Topic A: Comparison of Length and Height**

Rubric Score: \_\_\_\_\_ Time Elapsed \_\_\_\_\_

Materials: (S) 6- and 9-inch pieces of string

	Date 1	Date 2	Date 3
Topic A			
Topic B			
Topic C			
Topic D			

Cover string so that each has 3 inches showing out from a piece of paper. Let them be parallel to each other.

1. Some of each string is hiding under the paper. Can we tell which one is longer? Why or why not?
2. (Uncover them.) Compare this string to this string. Use the words *longer than*.
3. Move the strings so that they line up on one end.
4. Compare these strings now. Use the words *shorter than*.
5. What about the strings are we comparing right now?

What did the student do?	What did the student say?
1)	
2)	
3)	
4)	
5)	

**Topic B: Comparison of Length and Height of Linking Cube Sticks Within 10**

Rubric Score: \_\_\_\_\_ Time Elapsed \_\_\_\_\_

Materials: (S) Linking cube sticks of 5 and 7, 9-inch piece of string

1. (Present the 5-stick and the 7-stick.) Compare the length of these two sticks. Use the words *longer than*.
2. Compare the length of your 5-stick to the length of this string. (Show the 9-inch string from Topic A.) Use the words *shorter than*.
3. Break this 5-stick into two parts. Compare the length of your 5-stick to the length of the two sticks you are holding now.

What did the student do?	What did the student say?
1)	
2)	
3)	

**Topic C: Comparison of Weight**

Rubric Score: \_\_\_\_\_ Time Elapsed \_\_\_\_\_

Materials: (S) Balance scale, balance, pennies, centimeter cubes, 1 light and 1 heavy book

1. Compare the weight of this book to the weight of this book. Use the words *heavier than*.
2. Put the scissors and the ruler on the balance scale. Use the words *lighter than* to compare their weights.
3. Use the scale to show how many cubes are the same weight as the marker. How many cubes are the same weight as the marker?
4. Use the scale to show how many pennies are the same weight as the marker. How many pennies are the same weight as the marker? Tell me anything else you notice.
5. What about the marker and book are we comparing right now?

What did the student do?	What did the student say?
1)	
2)	
3)	
4)	
5)	

**Topic D: Comparison of Volume**

Rubric Score: \_\_\_\_\_ Time Elapsed \_\_\_\_\_

Materials: 1 small container ( $\frac{1}{8}$  cup), 1 plastic cup with  $\frac{1}{2}$  cup of rice in it, 1 small bowl filled with rice, tub for pouring the rice from the bowl into the cup to prove the bowl holds more

1. Compare the volume of this bowl and this cup. Use the words *more than*. (The student may want to pour to assess or will simply observe to make the comparison.)
2. How many small containers of rice are the same as this large container? (Watch to see what the student does. Ask her to use the small container to prove her answer if she does not use it without prompting.)
3. What about the cup are we measuring and comparing right now?

What did the student do?	What did the student say?
1)	
2)	
3)	