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

Student Name _____

Topic A: Comparison of Length and Height

Rubric Score: _____Time Elapsed _____

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

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 (⅛ cup), 1 plastic cup with ½ 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)	

	Date 1	Date 2	Date 3
Topic E			
Topic F			
Topic G			
Topic H			

Student Name _____

Topic E: Is There Enough?

Rubric Score: _____Time Elapsed _____

Materials: 7 spoons, 8 bowls, 6 1” × 1” squares, 1 2” × 3” square piece of paper

1. Is there enough space on this paper for all these squares? Show me how you know.
2. Are there enough spoons for the bowls? Show me how you know.
3. Can you use the words *more than* to compare the spoons and bowls?
4. Can you use the words *less than* to compare the spoons and bowls?

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

Topic F: Comparison of Sets Within 10

Rubric Score: _____Time Elapsed _____

Materials: (S) 1 set of 6 linking cubes, 1 set of 4 linking cubes, additional linking cubes

1. Which set has more cubes? (Show the set of 6 and the set of 4.)
2. Can you make a set that has the same number of cubes as this one? (Present the set with 4 cubes.) Tell me what you are doing.
3. Can you make a set that has 1 more cube than this set? (Present the set with 6 cubes.)
4. Can you make a set that has 1 less cube than this set? (Present a set with 10.)

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

Topic G: Comparison of Numerals

Rubric Score: _____Time Elapsed _____

Materials: (T) Loose linking cubes

1. (Present a set with 7 cubes and a set with 5 cubes.) Put these objects in lines to match and compare them.
2. Tell me about which number is more? Is less?
3. (Write the numerals 8 and 4.) Use the words *more than* to compare these two numerals.

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

Topic H: Clarification of Measurable Attributes

Rubric Score: _____Time Elapsed _____

Materials: (T) Empty juice box with the top cut off, linking cube stick of 7, balance scale, many additional cubes, a tub with the empty juice box full of rice, student scissors

1. Compare the length of this juice box to the length of this stick. Use your words.
2. Compare the weight of this juice box to this pair of scissors. Use your words.
3. Compare the weight of this juice box to the weight of the cubes. How many cubes weigh the same as the juice box? Use your words. (If the student doesn't use the balance scale but makes a thoughtful guess, encourage use of the scale to confirm the estimate.)
4. Compare the volume of this juice box to this cup.

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