

Diagnostic Assessment for A Counting We Will Go

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A Counting We Will Go
Diagnostic Assessment
Performance Assessment

Duration: 30 min

Standard (s) Assessed: MA.1.1.1.K.1, MA.A.1.1.3.K.1, LA.B.2.1.4.K.1, MA.1.1.1.K.2

Description of Assessment Activity: The diagnostic assessment should be completed individually with each student. Students are given a bowl of 10 people counters or pictures of 10 people with a variety of hair color and asked to count the number of girls and boys with specified colors of hair (MA.1.1.1.K.1) on a work mat (9 by 6 inch laminated construction paper). Second, students are shown a specified number of unifix cubes from 1-10 when asked (MA.A.1.1.3.K.1). This should not be done numerically. Third, students are given a grid with 10 empty boxes and ask the student to draw a specified number and color of unifix cubes in each box (MA.1.1.1.K.2). Finally, students write the color and number of each set of unifix cubes in each box (LA.B.2.1.1.K.2).

Teacher Directions:

1. Use the checklist provided in the assessment download from the BEACON Learning Center Unit Plan page. The checklist describes each activity the students should perform.
2. Make enough copies of the assessment checklist and 10 box grid record sheet for each student.
3. Tell each student that this is an activity that lets you know what he/she already knows so that you won't spend time teaching him/her something that he/she already knows.
4. Be prepared to give the student a bowl of 10 people counters (These can be purchased from Lakeshore Learning Materials, 2695 E. Dominguez St., Carson, CA 90749, 800-421-5354) or 10 pictures of girls and boys with a variety of hair colors (MA.1.1.1.K.1). Each student will also need a bowl of 10 unifix cubes (MA.A.1.1.3.K.1) and a 10 box grid record sheet (MA.1.1.1.K.2 and LA.B.2.1.1.K.2).
5. Complete the diagnostic assessment with each student by having the student complete the tasks as directed in the student directions.

Student Directions:

1. Listen and I will tell you what to do.
2. Count the number of girls with brown hair.
3. Count the number of girls with any other hair color.

4. Count the number of boys with brown hair.
5. Count the number of boys with any other hair color.
6. Look at the unifix cubes in your bowl. Hold up one unifix cube.
7. Now, snap together three unifix cubes.
8. Snap together 5 unifix cubes.
9. Snap together 7 unifix cubes.
10. Snap together 9 unifix cubes.
11. Take those cubes apart and place them in your bowl. Snap together 2 unifix cubes.
12. Snap together 4 unifix cubes.
13. Snap together 6 unifix cubes.
14. Snap together 8 unifix cubes.
15. Snap together 10 unifix cubes.
16. Next, I'm going to give you a piece of paper with 10 empty boxes on it. Listen carefully while I give you directions. Look at the top row of boxes. Draw 2 red unifix cubes in the first box.
17. Draw 4 yellow unifix cubes in the second box.
18. Draw 6 dark blue unifix cubes in the third box.
19. Draw 8 green unifix cubes in the fourth box.
20. Draw 10 black unifix cubes in the fifth box.
21. Now look at the bottom row of boxes. Draw 1 white unifix cube in the first box on the bottom.
22. Draw 3 brown unifix cubes in the next box.
23. Draw 5 light blue unifix cubes in the next box.
24. Draw 7 orange unifix cubes in the next box.
25. Draw 9 magenta unifix cubes in the last box.
26. Next, I want you to write the number and color of each set of unifix cubes in each box. (Students may dictate information they cannot write.)

Scoring Method and Criteria: This is a diagnostic assessment. All data from this assessment should be used to adjust the unit instructions and activities to meet the needs of your students as shown by this assessment. A teacher key with examples and explanations is available with this assessment.

A Counting We Will Go!

Diagnostic Assessment

Student Name _____

Assessed	SSS/GLE	Description of Activity
	MA.A.1.1.1.K.1	Counts up to 10 or more children using verbal names and one-to-one correspondence
Comments		
	MA.A.1.1.3.K.1	Uses sets of unifix cubes to represent quantities to 10, given in verbal form
Comments		
	LA.B.2.1.1.K.2	Dictates or writes with pictures or words about the color and how many unifix cubes drawn in each set
Comments		
	MA.1.1.1.K.2	Reads and writes numerals to 10.
Comments		

Assessment Key: v = mastered, X = some understanding, / = not able

Comment area is for teacher records of individual needs observed.

A Counting We Will Go
Diagnostic Assessment

Models of specific data recorded.

Assessed	SSS/GLE	Description of Activity
V	MA.A.1.1.1.K.1	Counts up to 10 or more children using verbal names and one-to-one correspondence
Comments The student can do this.		
X	MA.A.1.1.3.K.1	Uses sets of unifix cubes to represent quantities to 10
Comments The student can use sets to represent quantities to 10 some times.		
/	LA.B.2.1.1.K.2	Dictates or writes with pictures or words about the color and how many unifix cubes drawn in each set
Comments The student cannot dictate or write with pictures or words about the color and number of unifix cubes drawn in each set. The student wrote about some of the colors and numbers of unifix cubes in the sets.		
x	MA.1.1.1.K.2	Reads and writes numerals to 10
Comments The student can read and write some numerals to 10.		

Assessment Key: v = already mastered, X = some understanding, / = not able
Comment area is for teacher records of individual needs observed.
