Grade: 7
Content Area: Mathematics
Domain: Ratios and Proportional Relationships
Learning Standard: 7.RP.A.2
Cristiano Sansouci

(2) Student's grade as reported in the Student Information Management System (SIMS): 07

(3) a. Content Area (Subject): Mathematics
   b. Strand: Mathematics - Ratios and Proportional Relationships
   c. Learning Standard(s): 7.RP.A.2 Recognize and represent proportional relationships between quantities.

   (List standards for the grade in which the student was reported in SIMS.)

(4) Level of complexity: (Student addresses learning standard(s) in this strand at the following level)

  Γ at "grade-level" expectations
  (use Work Descriptions for "grade-level" or "competency" portfolio)

  ✔ through "entry points"
  (list page on which entry point is found in the Resource Guide):

  Γ through "access skills"
  (practiced during academic instruction based on the grade-level standard listed above.)

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(5) Measurable outcome: Indicate in measurable, observable terms the one targeted skill the student is expected to learn as a result of instruction in the learning standard at the level of complexity listed above (for example, "student will identify at least three characters in a story read aloud with 80% accuracy and 100% independence").

  Cristiano will identify the number of objects in a real-life problem situation using ratios with 80% accuracy and 100% independence.

(6) Adaptations, accommodations, and/or modifications routinely used by the student during instruction of this skill. List any augmentative and/or alternative communication (AAC) system, if used:

    Primary evidence checklist (optional):
    Use the checklist below to ensure that this portfolio strand includes at least the minimum required evidence and that all evidence is labeled.

    | Evidence Page Type       | My Description                      |
    |--------------------------|--------------------------------------|
    | Line Graph               | Your description goes here.          |
    | Work Sample Description  | Tools Ratios Worksheet               |
    | Work Sample Description  | Ratio word problem worksheet          |
    | Work Sample Description  | Final Assessment                      |

(Continue list on additional paper, if needed.)
DATA METHOD 3: LINE GRAPH (Instructional data summarizing the student's performance on each data)

Student Name: Cristiano Sansouci
Content Area/Strand: Mathematics/Mathematics - Ratios and Proportional Relationships

Learning Standard: 7.RP.A.2 Recognize and represent proportional relationships between quantities.

Measurable Outcome: Cristiano will identify the number of objects in a real-life problem situation using ratios with 80% accuracy and 100% independence.

Accuracy:
Independence:

Pre-assessment: C. id # of objects in problems using ratios by completing a worksheet identifying the number of shapes in ratio form.
C. id # of objects in problems using ratios by completing a worksheet writing ratios for circles to squares and triangles to stars.
C. id # of objects in problems using ratios by completing a worksheet answering questions using information provided from fruit stand sales.
C. id # of objects in problems using ratios by completing a coloring game on the computer (had to color shapes according to ratio given).
C. id # of objects using ratios by completing problems using ratios by writing ratios using information provided on tools.
C. id # of objects using ratios by completing problems using data collected from throwing a paper ball into the recycle bin.
C. completed a worksheet on id # of objects using ratios that involved using information presented in words.
C. explained how he/she solved 4 ratio problems (involving ID # of objects using ratios) to a classmate using the Smart Board.
Assessment: C. completed worksheet id # of objects using ratios with no teacher assistance.
WORK SAMPLE DESCRIPTION

(Complete and attach one label to each work sample in the portfolio, or write this information directly on each piece. Do not use this label for data charts or videotapes.)

Name: Cristiano Sansouci
Date (m/d/y): 3/18/13

ACCURACY: 89%
INDEPENDENCE: 78%

Subject: Mathematics
Strand: Mathematics - Ratios and Proportional Relationships

Learning Standard:
7.RP.A.2 Recognize and represent proportional relationships between quantities.

Measurable Outcome:
Cristiano will identify the number of objects in a real-life problem situation using ratios with 80% accuracy and 100% independence.

Briefly describe how the measurable outcome was addressed.

(What was student asked to do, and how did he/she do it?)

C. Id # of objects in problems using ratios by writing ratios using information provided on tools worksheet.
In the tool shed:

Write each ratio

1. saws to pliers
   \[ \frac{3}{5} \]

2. hammers to nails
   \[ \frac{5}{7} \]

3. saws to nails
   \[ \frac{5}{7} \]

4. nails to saws
   \[ \frac{7}{5} \]

5. hammers to pliers
   \[ \frac{5}{2} \]

6. pliers to saws
   \[ \frac{2}{5} \]

7. pliers to nails
   \[ \frac{2}{7} \]

8. saws to hammers
   \[ \frac{5}{3} \]

9. nails to hammers
   \[ \frac{7}{5} \]

Accuracy: 89%
Independence: 98%
Name: Cristiano Sansouci
Date (m/d/y): 3/20/13

ACCURACY: 100%
INDEPENDENCE: 87%

Self-Evaluation: (Must be completed by, or scribed at the direction of student; stamps and stickers must show evidence of choices made by the student.)
C. chose to do worksheet instead of solving problems on the computer today.

Subject: Mathematics
Strand: Mathematics - Ratios and Proportional Relationships

Learning Standard:
7.RP.A.2 Recognize and represent proportional relationships between quantities.

Measurable Outcome:
Cristiano will identify the number of objects in a real-life problem situation using ratios with 80% accuracy and 100% independence.

Briefly describe how the measurable outcome was addressed.
(What was student asked to do, and how did he/she do it?):

C. Completed a worksheet on id # of objects using ratios that involve using information presented in words (word problems)
<table>
<thead>
<tr>
<th>Questions</th>
<th>Workspace</th>
</tr>
</thead>
<tbody>
<tr>
<td>There are 15 boys and 18 girls in fifth grade. Find the ratio of boys to girls in fifth grade.</td>
<td></td>
</tr>
<tr>
<td>Answer:</td>
<td></td>
</tr>
<tr>
<td>Diana bought 12 guavas and 16 apples. What is the ratio of guavas to apples?</td>
<td></td>
</tr>
<tr>
<td>Answer: 12:16</td>
<td></td>
</tr>
<tr>
<td>Elliott has 8 candies and Sabetha has 10 candies. Find the ratio of Elliott’s candies to Sabetha’s candies.</td>
<td></td>
</tr>
<tr>
<td>Answer: 8:10</td>
<td></td>
</tr>
<tr>
<td>For a birthday party, Esther orders 10 chicken pizzas and 15 vegetable pizzas. Find the ratio of chicken pizzas to the vegetable pizzas.</td>
<td></td>
</tr>
<tr>
<td>Answer:</td>
<td></td>
</tr>
</tbody>
</table>
Name: Cristiano Sansouci
Date (m/d/y): 3/25/13

Accuracy: 89%
Independence: 100%

Subject: Mathematics
Strand: Mathematics - Ratios and Proportional Relationships

Learning Standard:
7.RP.A.2 Recognize and represent proportional relationships between quantities.

Measurable Outcome:
Cristiano will identify the number of objects in a real-life problem situation using ratios with 80% accuracy and 100% independence.

Briefly describe how the measurable outcome was addressed.

(What was student asked to do, and how did he/she do it?):

Assessment: C completed worksheet id # of objects using ratios with no teacher assistance.
Ratio Quiz

Directions: Complete the following questions on ratios.

What is the ratio of squares to circles?

[5:4]

What is the ratio of moons to stars?

[6:4]

Name: Cristiano

Date: Mar 25, 2013

89%
What is the ratio of happy faces to sad faces? 3:4
What is the ratio of sad faces to happy faces? 4:3
What is the ratio of happy faces to the total number? 3/7

There are 7 roses and 8 sunflowers in the garden.
What is the ratio of roses to sunflowers? 7:8
What is the ratio of sunflowers to roses? 8:7
If the total number of flowers is 15, what is the ratio of roses to the total number of flowers? 7:15
Create your own ratio problem.

Cristiano

What is the ratio of circles to squares?

Accuracy 89
Independence 100