

# DIAGNOSTIC PRE-ASSESSMENT D

*Use this Diagnostic Pre-Assessment to identify  
students who require intervention in this area:*

*Measurement & Data*

Standards Plus®  
COMMON CORE  
**INTERVENTION**

**Grade**

**3**

**D**

*After analyzing the  
pre-assessment data, you can  
implement your intervention  
program with our ready-to-teach  
Standards Plus Common Core  
Intervention Materials.*

**MATHEMATICS GRADE 3**

## ***Diagnostic Pre-Assessment***



### **Administering the Diagnostic Pre-Assessment:**

- Determine if all or a subgroup of your students will be assessed.
- Print the appropriate number of student assessments.
- Distribute the assessments and review the directions with the students.
- Have students complete the assessment independently.
- Collect and score the assessments.
- Students who perform at 75% or lower will benefit from intervention instruction for the topic.

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**See the next page for the Diagnostic Pre-Assessment procedure and answer key.**

## Procedure and Answer Key

### Standards Plus® – Common Core Intervention Mathematics – Grade 3

**Procedure:** Each intervention assessment is designed to be completed independently by the students. Read the directions aloud, and ensure that students understand how to mark their answer choices. Collect the assessments and use the answer key to correct.

Domain: Measurement & Data

Focus: Time

**Pre-Assessment: #D1**

#### Answers:

1. Clock shows 4:10
2. Clock shows 7:35
3. Clock shows 12:40
4. Clock shows 9:25
5. 3:30
6. 7:00
7. 1:45
8. 11:15
9. 25 minutes
10. 4:45

## Procedure and Answer Key

### Standards Plus® – Common Core Intervention Mathematics – Grade 3

**Procedure:** Each intervention assessment is designed to be completed independently by the students. Read the directions aloud, and ensure that students understand how to mark their answer choices. Collect the assessments and use the answer key to correct.

Domain: Measurement & Data

Focus: Data

Pre-Assessment: #D2

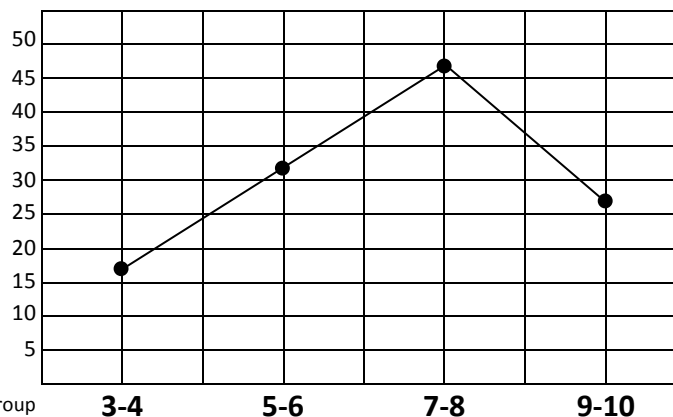
**Answers:**

1. 3-4: 20; 5-6: 35; 7-8: 50; 9-10: 30

2.

| Age Group | Numbers of Gymnasts in the Gymnastics Club |    |    |    |    |    |    |    |    |    |
|-----------|--------------------------------------------|----|----|----|----|----|----|----|----|----|
| 3-4       |                                            |    |    |    |    |    |    |    |    |    |
| 5-6       |                                            |    |    |    |    |    |    |    |    |    |
| 7-8       |                                            |    |    |    |    |    |    |    |    |    |
| 9-10      |                                            |    |    |    |    |    |    |    |    |    |
|           | 5                                          | 10 | 15 | 20 | 25 | 30 | 35 | 40 | 45 | 50 |

3.



4. 7-8

5. 3-4

6. 135 gymnasts

## Procedure and Answer Key

### Standards Plus® – Common Core Intervention Mathematics – Grade 3

**Procedure:** Each intervention assessment is designed to be completed independently by the students. Read the directions aloud, and ensure that students understand how to mark their answer choices. Collect the assessments and use the answer key to correct.

**Strand:** Measurement & Data

**Focus:** Length, Perimeter, & Area

**Pre-Assessment:** #D3

**Answers:**

1. 4 in; 10 cm
2. 2 in; 5 cm
3. 24 cm
4.  $32 \text{ in}^2$
5.  $42 \text{ dm}^2$

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**See the next three pages for the Diagnostic Pre-Assessments.**

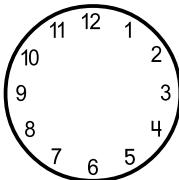
Name: \_\_\_\_\_

### Pre-Assessment D1

**Directions:** Draw the hour and minute hand to show each time.

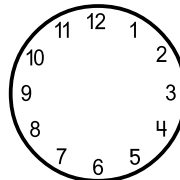
1.

4:10



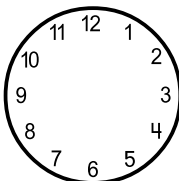
2.

7:35



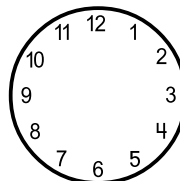
3.

12:40



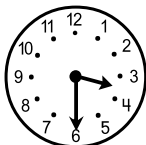
4.

9:25

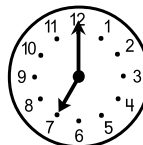


**Directions:** Write the time shown on each clock.

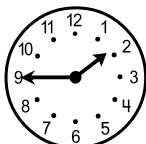
5.



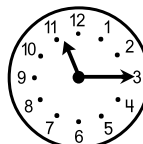
6.



7.



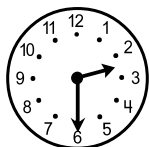
8.



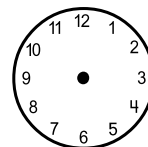
9. Write the interval of time that has passed on the line:

1:30 to 1:55

10. Write the elapsed time on the line:



What time will it be in 2 hours and 15 minutes?

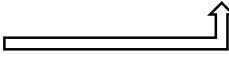


Name: \_\_\_\_\_

### Pre-Assessment D2

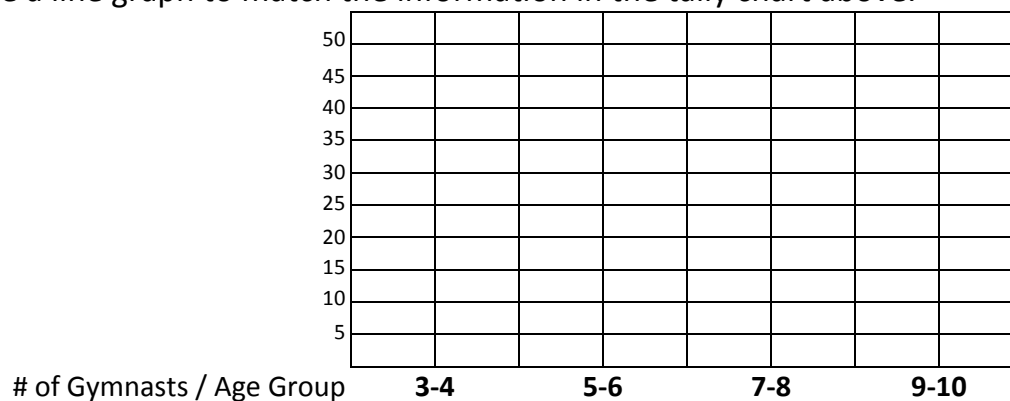
**Directions:** Use the tally chart below to respond to the items.

| Age Group | Numbers of Gymnasts in the Gymnastics Club | Total |
|-----------|--------------------------------------------|-------|
| 3-4       |                                            |       |
| 5-6       |                                            |       |
| 7-8       |                                            |       |
| 9-10      |                                            |       |

- Fill in the totals at the end of the tally chart above. 
- Create a bar graph to match the information in the tally chart above.

| Age Group | Numbers of Gymnasts in the Gymnastics Club |    |    |    |    |    |    |    |    |    |
|-----------|--------------------------------------------|----|----|----|----|----|----|----|----|----|
| 3-4       |                                            |    |    |    |    |    |    |    |    |    |
| 5-6       |                                            |    |    |    |    |    |    |    |    |    |
| 7-8       |                                            |    |    |    |    |    |    |    |    |    |
| 9-10      |                                            |    |    |    |    |    |    |    |    |    |
|           | 5                                          | 10 | 15 | 20 | 25 | 30 | 35 | 40 | 45 | 50 |

- Create a line graph to match the information in the tally chart above.



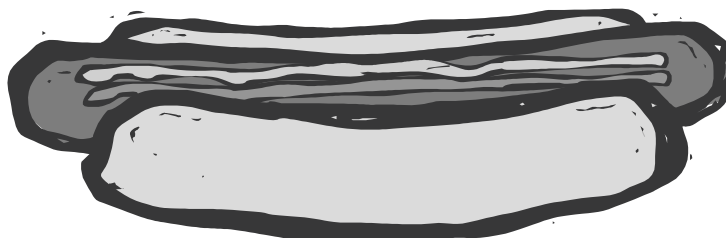
- Which age group has the most gymnasts? \_\_\_\_\_
- Which age group has the least gymnasts? \_\_\_\_\_
- How many gymnasts are there in all? \_\_\_\_\_

Name: \_\_\_\_\_

**Pre-Assessment D3**

**Directions:** Measure each object using inches and centimeters. Write the measures on the lines.

1. hot dog



\_\_\_\_\_ inches

\_\_\_\_\_ centimeters

2. pepper



\_\_\_\_\_ inches

\_\_\_\_\_ centimeters

**Directions:** Determine the perimeter or area of each figure. Write the answers on the lines.

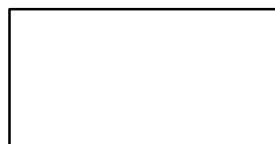
3. What is the perimeter of the square below? \_\_\_\_\_

6 cm.



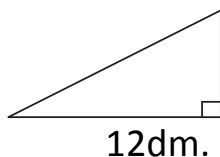
4. What is the area for the rectangle below? \_\_\_\_\_

8 in.



4 in.

5. What is the area of the triangle below? \_\_\_\_\_



7 dm.

12dm.



## Standards Plus® Common Core Intervention

### ***Diagnostic Pre-Assessment Results***

Once you have the results of the Diagnostic Pre-Assessment, providing targeted intervention instruction is easy with Standards Plus Common Core Intervention. Simply teach the topic(s) that meet your students' needs. Each topic includes scaffolded, ready-to-teach, scripted, direct instruction lessons, performance tasks, and post-assessments.

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## More About Standards Plus Common Core Intervention

### **What is Standards Plus CC Intervention?**

Standards Plus CC Intervention is a set of research-based, scaffolded 1-8 language arts and math lessons written to the Common Core Standards. These explicit, direct instruction lessons were designed to build the essential prerequisite elements of the grade level standards.

### **Benefits:**

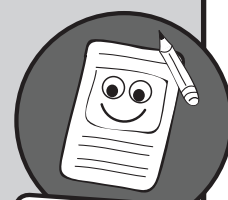
- Ready-to-teach lessons and performance tasks with very little teacher preparation.
- Instruction is scaffolded and provides exposure to the standards at DOK levels 1-3.
- Grade level content vocabulary is taught within the context of the lessons.
- Prepares students for grade level success.
- Ideal for:
  - Small group instruction
  - After school programs
  - Special Ed. settings to meet IEP goals
  - Summer school programs

### **Standards Plus Common Core Intervention Instructional Components**

#### **Step-by-Step**

##### **Direct Instruction Lessons:**

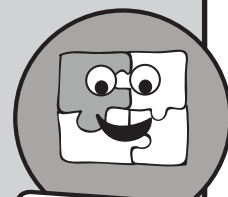
These ready-to-teach lessons are organized by topic to develop prerequisite skills and concepts while scaffolding to grade-level appropriate activities. These lessons are written to DOK levels 1 and 2.



**Step-by-Step  
Lessons**

##### **Performance Tasks:**

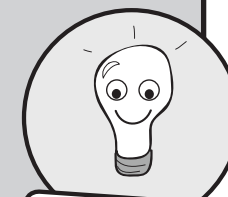
Within each topic, students have the opportunity to participate in a Performance Task to apply what they have learned in a unique setting and cement their learning. These lessons are written to DOK levels 1 and 2.



**Performance  
Tasks**

##### **Post-Assessments:**

Parallel to the Diagnostic Pre-Assessments, these assessments provide data directly related to the instruction provided.



**Post-Assessments  
(Parallel to Diagnostic)**

# Standards Plus® COMMON CORE INTERVENTION

| Grade    | ELA Topic A                                               | ELA Topic B                         | ELA Topic C                                                            | ELA Topic D                               |
|----------|-----------------------------------------------------------|-------------------------------------|------------------------------------------------------------------------|-------------------------------------------|
| <b>1</b> | Reading Literature and Writing                            | Reading Informational Text          | Reading Foundational Skills, Capitalization, and Punctuation           | Spelling, Grammar & Usage, and Vocabulary |
| <b>2</b> | Reading Literature and Writing                            | Reading Informational Text          | Reading Foundational Skills, Capitalization, Punctuation, and Spelling | Grammar & Usage and Vocabulary            |
| <b>3</b> | Reading Literature and Writing                            | Reading Informational Text          | Capitalization, Punctuation, and Spelling                              | Grammar & Usage and Vocabulary            |
| <b>4</b> | Reading Literature and Writing                            | Reading Informational Text          | Capitalization, Punctuation, and Spelling                              | Grammar & Usage and Vocabulary            |
| <b>5</b> | Reading Literature and Writing                            | Reading Informational Text          | Capitalization, Punctuation, and Spelling                              | Grammar & Usage and Vocabulary            |
| <b>6</b> | Reading Literature and Writing                            | Reading Informational Text          | Capitalization, Punctuation, and Spelling                              | Grammar & Usage and Vocabulary            |
| <b>7</b> | Reading Literature and Writing                            | Reading Informational Text          | Capitalization, Punctuation, and Spelling                              | Grammar & Usage and Vocabulary            |
| <b>8</b> | Reading Literature and Writing                            | Reading Informational Text          | Capitalization, Punctuation, Spelling, and Grammar & Usage             | Vocabulary                                |
| Grade    | Math Topic A                                              | Math Topic B                        | Math Topic C                                                           | Math Topic D                              |
| <b>1</b> | Operations & Algebraic Thinking                           | Number & Operations in Base Ten     | Measurement & Data                                                     | Geometry                                  |
| <b>2</b> | Operations & Algebraic Thinking                           | Number & Operations in Base Ten     | Measurement & Data                                                     | Geometry                                  |
| <b>3</b> | Operations & Algebraic Thinking                           | Number & Operations – Fractions     | Number & Operations in Base Ten and Geometry                           | Measurement & Data                        |
| <b>4</b> | Operations & Algebraic Thinking                           | Number & Operations – Fractions     | Number & Operations in Base Ten and Geometry                           | Measurement & Data                        |
| <b>5</b> | Number & Operations in Base Ten                           | Number & Operations – Fractions     | Measurement & Data                                                     | Operations & Algebraic Thinking           |
| <b>6</b> | The Number System                                         | Ratios & Proportional Relationships | Expressions & Equations                                                | Geometry and Statistics & Probability     |
| <b>7</b> | Ratios & Proportional Relationships and The Number System | Expressions & Equations             | Statistics & Probability                                               | Geometry                                  |
| <b>8</b> | The Number System and Expressions & Equations             | Functions                           | Statistics & Probability                                               | Geometry                                  |

**To learn more, please contact 1.877.505.9152**