



lumos learning

"Developed By Expert Teachers"

Ins and Outs of the NJ ASK 2014: A School's Perspective

Supporting Students to success on the NJ ASK

2014

www.LumosLearning.com

Introduction

- **About the Speakers**

- ▶ **Jennifer Torres—**

- *Lumos Moderator*
 - *Marketing Director*



- ▶ **Marisa Adams - Presenter**

- *15 years in public education*
 - *Teacher and administrator*
 - *Curriculum writer/assessor*
 - *Conference presenter*
 - *Author*



Agenda ...

- Introduction
- Common Core Standards Initiative Timeline
- Understanding the current NJ ASK
- NJ ASK ELA
- NJ ASK Mathematics
- NJ ASK Science
- Preparing Students for the Test
- Q&A



Implementation Timeline



- **Beginning of the Standards**
 - ♦ 1st Math and Language Arts Literacy (LAL) guidelines- June 2010
- **Current alignment**
 - ♦ Guidelines now referred to as Common Core State Standards (CCSS)
 - ♦ 45 states, DC, 4 territories and Dept. of Defense Education Activity have adopted CCSS
- **Future of the Standards**
 - ♦ Aligning CCSS and accountability systems
 - ♦ Two consortium options
 - ▶ **PARCC**
 - ▶ **Smarter Balanced**



What is the NJ ASK Transition?



- **Purpose**

- **2014 NJ ASK will measure the new CCSS within the current format of the NJ ASK.**
- **They are considered “transitional” as the full range of CCSS will not be measured until new assessments are developed.**
- **New tests will be developed by PARCC and administered in 2015.**



NJ ASK Content Shifts



- **2014 Key Facts**

- Grades 3-8 –CCSS in current format
- Grades 4 and 8 Science – NJCCCS

- **Shifts**

- PARCC Model Content Frameworks used
- More content shifts in Math than ELA

- **Tests**

- Math – grades 3-8
- ELA – grades 3-8
- Science – grades 4 & 8
- PARCC field test



ENGLISH LANGUAGE ARTS



ELA Updates



- **English Language Arts**

- Text complexity continues to increase
- Emphasis on Academic Vocabulary
- Gaining knowledge through informational texts
- Questions based on specific evidence from the texts
- Reading passages at higher end of grade level complexity
- Scoring will reflect students citing pertinent text based ideas and information
- Students in grades 3 through 5 will continue to read poem independently
- Writing section will not include longer reading passages for students to read and respond to



ELA Test Design



- **Grades 3-5**

- 1 Narrative Writing Task
 - ▶ **Presents a brief scenario to use as a springboard**
- 1 Informative / Explanatory or Opinion Task
 - ▶ **Two Formats Possible**
 - *Introduces a topic in a brief prompt*
 - *A poem is used to introduce the topic*
- 3 Reading Selections
 - ▶ **Informational selections (+50%)**
 - ▶ **Authentic Literature selections**
 - ▶ **Address the CCSS strand**
 - *Key Ideas and Details*
 - *Craft and Structure*



ELA Test Design

- **Grades 6-8**

- 1 Persuasive or Argument Writing Task
- 1 Informative/Explanatory or Narrative Task
- 4 Reading Selections
 - ▶ **Informational selections (+50%)**
 - ▶ **Authentic Literature selections**
 - ▶ **Address the CCSS strand**
 - *Key Ideas and Details*
 - *Craft and Structure*



NJ ASK ELA Assessment Scoring

- **Testing Grades 3-5**

- ♦ **Writing**

- ▶ **1 Narrative – 10 points**
 - ▶ **1 Informative or Opinion Task – 10 points**

- ♦ **Reading**

- ▶ **Grade 3 – 30 points**
 - ▶ **Grade 4 – 36 points**
 - ▶ **Grade 5 – 42 points**

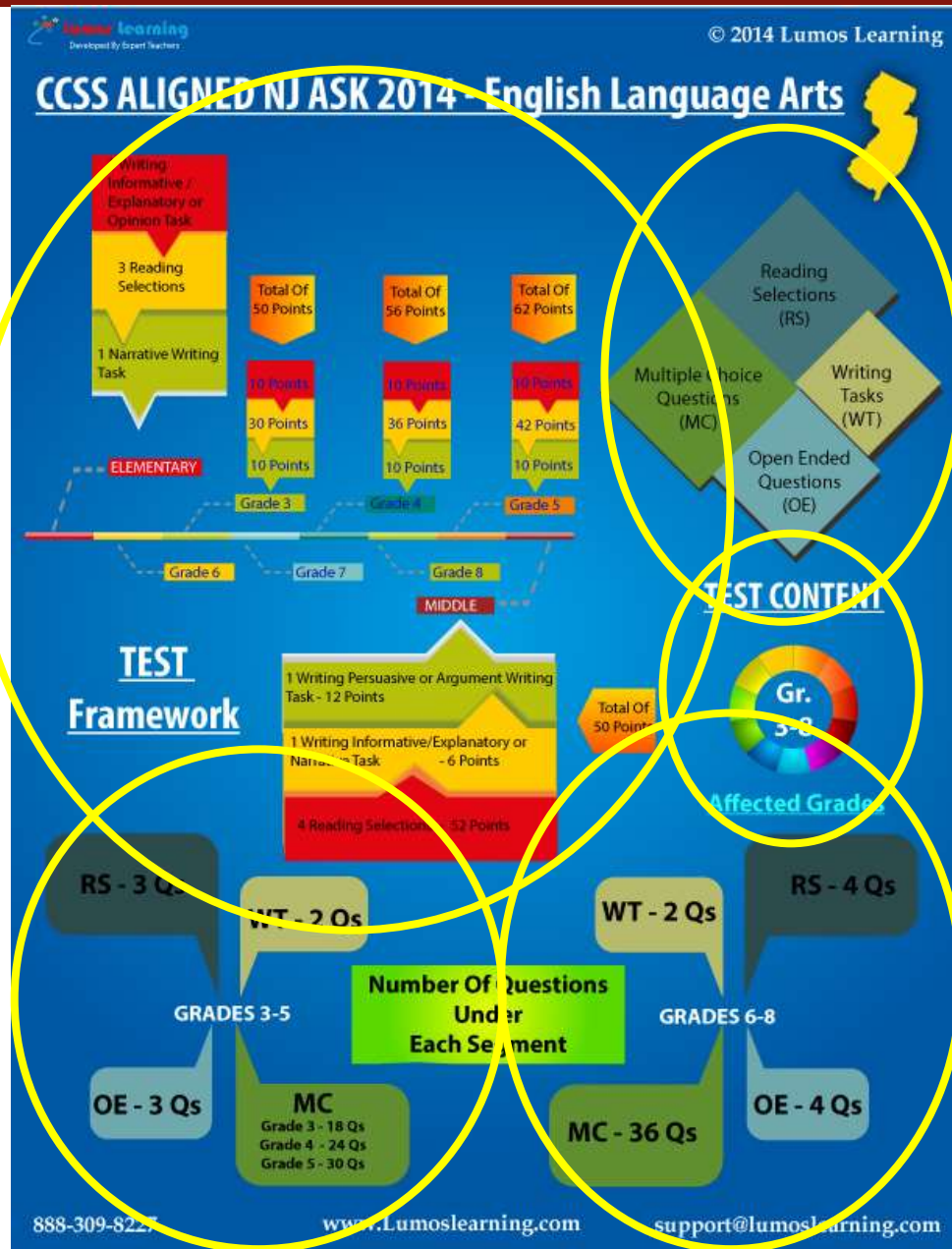


NJ ASK ELA Assessment Scoring

- **Testing Grades 6-8**
 - ♦ **Total of 70 points in the ELA section**
 - ♦ **Writing**
 - ▶ **1 Persuasive / Argumentative – 12 points**
 - ▶ **1 Informative or Narrative Task – 6 points**
 - ♦ **Reading**
 - ▶ **4 passages – 52 points total**



NJ ASK 2013 Infographic – ELA



MATHEMATICS



NJASK Mathematics Domains

- **Domains for Grades 3 – 5 Mathematics**

- Operations and Algebraic Thinking (OA)
- Number and Operations in Base 10 (NBT)
- Number and Operations – Fractions (NF)
- Measurement and Data (MD)
- Geometry (G)

- **Domains for Grades 6 – 8 Mathematics**

- Ratios and Proportional Relationships
- The Number System
- Expressions and Equations
- Functions
- Geometry
- Statistics and Probability



NJASK Mathematics Practice Tips

- **Inclusion of the Mathematical Practices**

- **Make sense of problems and persevere in solving them**
- **Reason abstractly and quantitatively**
- **Construct viable arguments and critique the reasoning of others**
- **Model with mathematics**
- **Use appropriate tools strategically**
- **Attend to precision**
- **Look for and make use of structure**
- **Look for and express regularity in repeated reasoning**



Grade 3 – 5 Manipulatives

- ALL students are allowed to use blank grid/graph paper during ALL parts of the Mathematics section of the NJ ASK 3-5.
- Grades 3 and 4 no longer have colored shapes.
- Grade 4 students MUST know the formula for area and perimeter of a rectangle.
- Grade 3 will be given only a ruler ($\frac{1}{4}$ " and mm).
- Grade 4 will be given a ruler ($\frac{1}{8}$ " and mm) AND a protractor.
- Grade 5 will be given a ruler ($\frac{1}{8}$ " and mm) and a formula/conversion sheet.



IEP and 504 Students, Grades 3 - 5

- For Part 1, students with IEPs or 504 plans may be provided with only the ruler (grades 3 – 5), protractor (Grade 4), and reference sheet made available to all students during the assessment. No additional manipulatives are permitted.
- For Parts 2 through 6, in addition to the ruler, protractor, and reference sheet, an IEP or 504 team may select one or more of the following manipulatives for a child with a disability who requires them in order to complete math test items:
 - ♦ Counting Chips;
 - ♦ Abacus; and/or
 - ♦ Number Line



NJASK Mathematics Assessment Scoring, Grades 3 - 5

- **Testing of the Domains Grades 3 – 5**
 - Total of 50 points in the Mathematics Section
 - Operations and Algebraic Thinking (OA)
 - ▶ Grade 3 – 14 points
 - ▶ Grade 4 – 10 points
 - ▶ Grade 5 – 6 points
 - Number and Operations in Base Ten (NBT)
 - ▶ Grade 3 – 6 points
 - ▶ Grade 4 – 10 points
 - ▶ Grade 5 – 11 points



Additional NJASK Mathematics Domains

- **Testing of the Domains Grades 3 – 5**
 - ♦ **Geometry (G)**
 - ▶ **Grades 3, 4, and 5 – 6 points**
 - ♦ **Measurement and Data (MD)**
 - ▶ **Grade 3 – 13 points**
 - ▶ **Grade 4 – 6 points**
 - ▶ **Grade 5 – 13 points**
 - ♦ **Number and Operations – Fractions (NF)**
 - ▶ **Grade 3 – 11 points**
 - ▶ **Grade 4 – 18 points**
 - ▶ **Grade 5 – 14 points**



Grade 6 – 8 Scoring

- All questions fully aligned to CCSS
- Raw scores generated in the five domains in each grade level
- Points based on PARCC Model Content Frameworks (Emphases by Cluster)
- No score for Mathematical Practices



Reference Sheets and Manipulatives, Grades 6 - 8

- **New reference sheets developed for realignment**
 - Geometric formulas removed
 - Additional information removed
- **Punch out ruler/protractor remain**
- **Conversion factors and equivalents altered at each grade level consistent with PARCC framework**



Reference Sheets and Manipulatives, Grades 6 – 8

Continued

- Blank grid/graph paper allowed on ALL parts
- Parts 4 – 6 will allow calculator usage



IEP and 504 Students, Grades 6 – 8

- **Calculator, or other allowable manipulatives, allowed on parts 2 and 3.**
- **Assessment administered in alternative setting**
- **Accommodations must be documented.**



NJASK Mathematics Assessment Scoring, Grades 6 - 8

- **Testing of the Domains Grades 6 – 8**
 - ♦ **Total of 49 points in the Mathematics Section**
 - ♦ **Ratios and Proportional Relationships**
 - ▶ **Grade 6 – 8 points**
 - ▶ **Grade 7 – 8 points**
 - ▶ **Grade 8 – 0 points**
 - ♦ **The Number System**
 - ▶ **Grade 6 – 14 points**
 - ▶ **Grade 7 – 12 points**
 - ▶ **Grade 8 – 6 points**



Additional Domains, Grades 6 – 8

- **Testing of the Domains Grades 6 – 8**
 - ♦ **Expressions and Equations**
 - ▶ **Grade 6 – 14 points**
 - ▶ **Grade 7 – 15 points**
 - ▶ **Grade 8 – 14 points**
 - ♦ **Functions**
 - ▶ **Grade 6 – 0 points**
 - ▶ **Grade 7 – 0 points**
 - ▶ **Grade 8 – 10 points**



Additional Domains, Grades 6 – 8

- ♦ **Geometry**
 - ▶ **Grade 6 – 7 points**
 - ▶ **Grade 7 – 7 points**
 - ▶ **Grade 8 – 13 points**
- ♦ **Statistics and Probability**
 - ▶ **Grade 6 – 6 points**
 - ▶ **Grade 7 – 7 points**
 - ▶ **Grade 8 – 6 points**

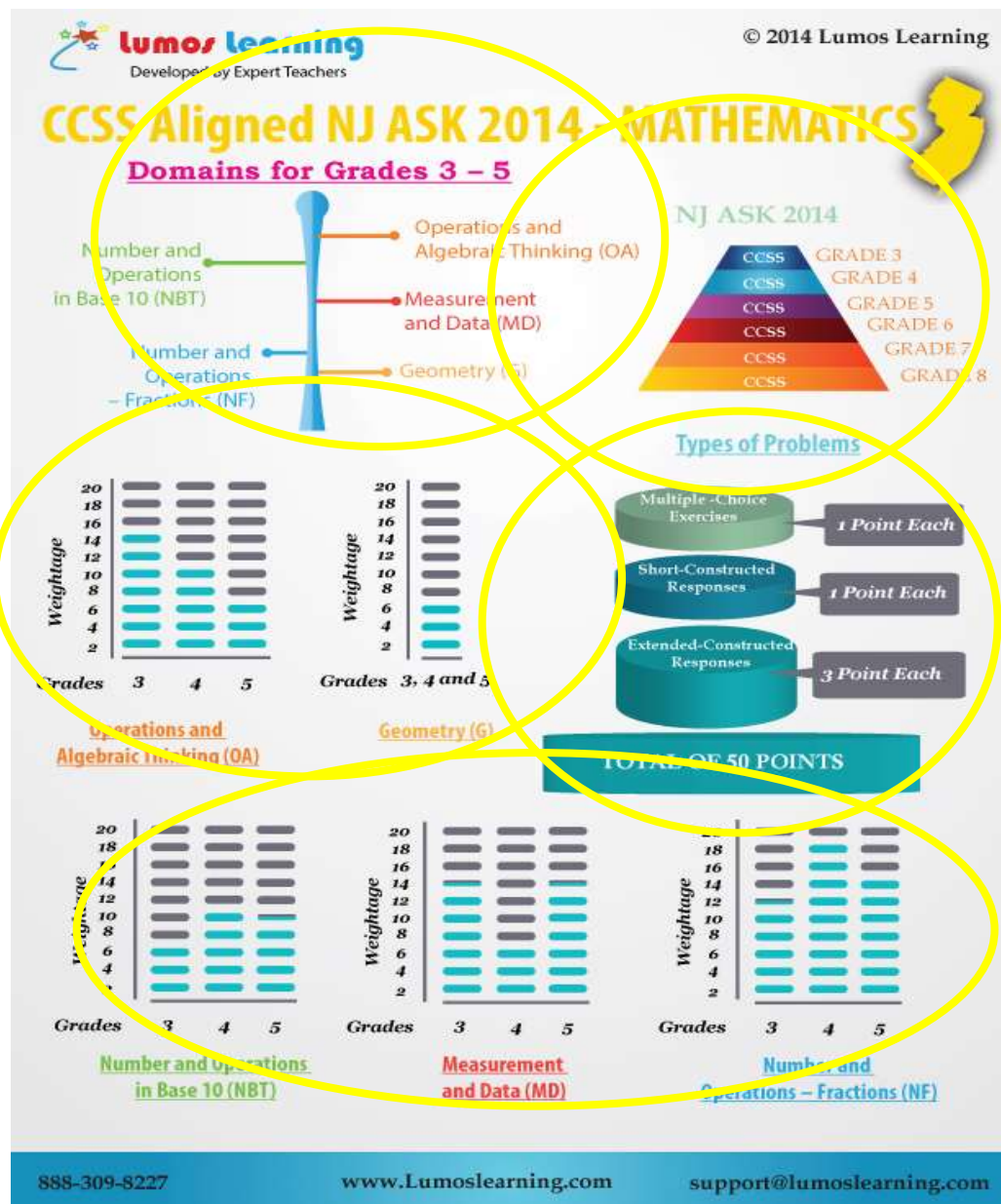


Types of NJASK Mathematics Assessment Problems

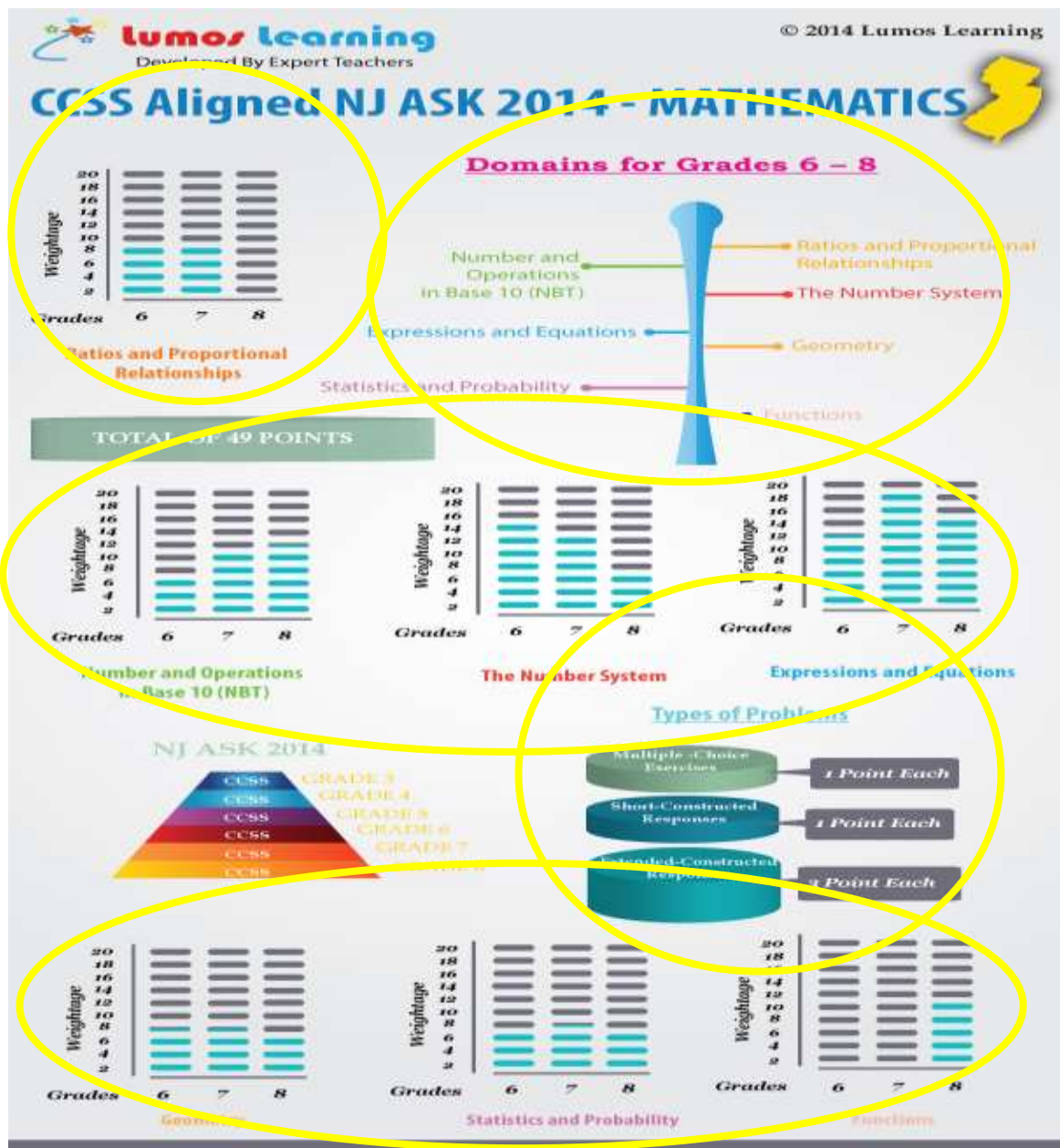
- **Types of Problems on the NJASK**
 - ♦ **Multiple-Choice Exercises**
 - ▶ **1 point for each exercise**
 - ♦ **Short-Constructed Responses**
 - ▶ **1 point for each exercise**
 - ▶ **Grades 3 and 4 write in test book; grade 5 in answer folder**
 - ▶ **Units of measure are necessary**
 - ♦ **Extended-Constructed Responses**
 - ▶ **Up to 3 points for each exercise**



NJ ASK 2013 Infographic - Mathematics



NJ ASK 2013 Infographic - Mathematics



MATHEMATICS



Science Test Information

- **Content aligned to NJCCCS**
- **Science assessment includes four parts.**
- **Item weightage:**
 - **Multiple choice – 1 point;**
 - **Open Ended – 0 – 3 points**
- **Each open-ended item is scored using an item-specific rubric.**



Science Infographic

NJ ASK 2014 Science

GRADE 4

33

02

TOTAL OF **39 POINTS**

Multiple-Choice
Exercises
1 Point

Open Ended Question

3 Points

GRADE 8

48

02

TOTAL OF **54 POINTS**

LIFE SCIENCES

40%

PHYSICAL SCIENCES

30%

EARTH SCIENCES

30%



Preparing Students for the NJASK 2014

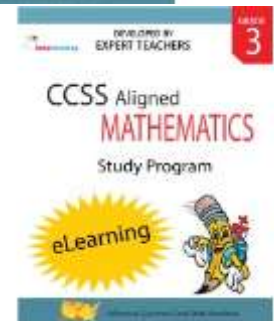
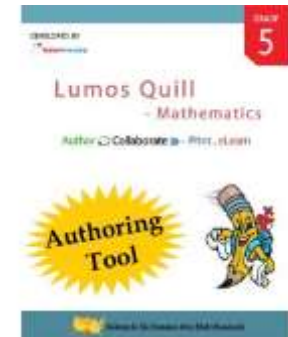
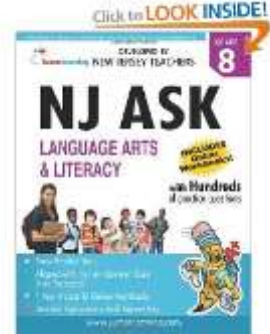
- **Familiarize students with:**
 - the three types of Math problems
 - the two types of ELA questions
 - the two types of reading texts
- **Become familiar with the Common Core Standards**
- **Provide opportunities for students to do test rehearsal**



Benefits of the Lumos Learning Programs

- Supplements and extends classroom learning
- Improves student achievement on the NJ ASK
- Most Flexible Offering
 - Printed Books
 - Custom Assessments
 - eLearning
 - Teacher Portal
 - Instructional Videos
 - Teacher Aid and More
- Variety of CCSS Aligned Resources
 - Practice Tests
 - Lessons/Workbooks
 - Video Math Lessons
 - Games

LumosLearning.com/a/nj



Additional Resources and Feedback!




We need Your Feedback!

<http://Facebook.com/LumosLearningSchools>

Facebook Group: NJ ASK Teacher Resources



Webinar Survey

 **Lumos Learning Libraries** asked a question.
January 4


Grade 5 ELA: Sample Question 3: Under the snow-white coverlet, upon a snow white pillow, lay the most beautiful girl that Tom had ever seen. Her cheeks were very white, and her hair was like threads of gold spread all over her pillow. The second sentence is an example of _____. Select the phrase that best completes the above sentence. Check your Answer:
<http://lumoslearning.com/a/g5lsq3>

☐ A Metaphor.

☒ Personification. +1

☐ A detailed sentence.

☐ A Simile. +2

Like · Comment · Share  1

Sample Questions



Thank You!

LumosLearning.com
support@lumoslearning.com
732-384-0146
888-408-1689

