



DOMA

(Diagnostic Online Math Assessment)

Version: **Basic Math Skills**

(Classroom Teacher Version)

Confidential Information

Student: Kala Clark

Assessment Date: 04/05/2007

Grade: 3.7

Age: 10 yrs 3 months

DOMA (Diagnostic Online Math Assessment): Basic Math Skills

DOMA: Basic Math Skills was built on the Let's Go Learn OAASIS™ platform that uses adaptive assessment technology to intelligently decide which specific test items will be administered to students. Based on individual student performance during the assessment, *DOMA* uses OAASIS's to adjust the difficulty of constructs and items.

Numbers Skill Strand: This strand starts with constructs one grade level below the student's grade level. While the OAASIS adjusts items selection in the process of identifying a student's highest area of mastery, the assessment may skip sections when moving forward or backward along constructs. These skipped sections will be noted by the "NT" values in this detailed report.

Fractions Strand: Because this strand orders constructs from easiest to hardest, the last checked box (which is the highest level of mastery for this strand) will allow teachers to identify where students' fraction knowledge generally ends and where instruction should begin. In the process of identifying a student's highest level of mastery, this strand also skips sections in order to jump to the student's ceiling of fraction knowledge.

Measurement Strand: This strand is non-linear in nature meaning mastery in one construct does not assume mastery for lower constructs. This strand starts administering constructs one grade level below the student's grade level and moves through all constructs within a grade level. Above grade level constructs are only tested if a student demonstrates mastery at his or her highest grade level construct.

* For more info. see Interpreting Basic Math Skills scores. <http://www.letsgolearn.com/media/PDFs/InterBasicMathSkills.pdf>

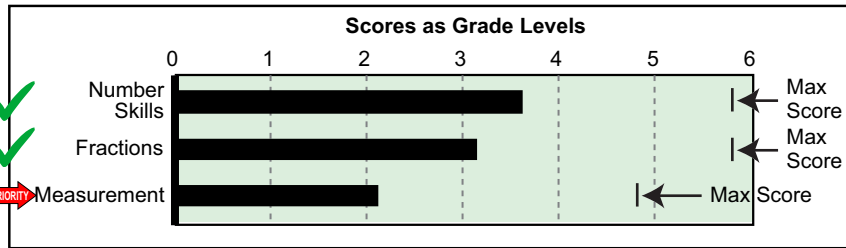
Student: **Kala Clark**

Assessment Date: **04/05/2007**

Grade: **3.7**

Student Profile Summary:

Kala possesses strong computational skills, both with whole numbers and with fractions. In the measurement strand, however, Kala needs additional practice manipulating both Standard and Metric measurement systems. Often this is best accomplished through hands-on measurement tasks and activities.



Numbers Skills (Grade Range: K to 5): mid 3rd

Checked = Tested as mastery
 Unchecked = Tested as Non-mastery
 NT = Not Tested

Kindergarten

- Numbers and Numerals NT
- Numbers details:
 - NT0; NT1; NT2; NT3; NT4; NT5; NT6; NT7; NT8; NT9; NT10
- Counting Backwards NT
- Comparing (0-10) NT

Grade One

- Cardinal and Ordinal Numbers..... NT
- Numerals and Counting (0-120)..... NT
- Comparing Using Symbols (2-digit numbers) NT
- Place Value (ones and tens) NT
- Addition (equivalent forms) NT
- Addition (to 10)..... NT
- Subtracting (from 10) NT
- Counting (by 1s, 2s, 3s, 5s, and 10s)..... NT

Grade Two

- Place Value (ones, tens, and hundreds) NT
- Comparing Using Symbols (3-digit numbers) NT
- Text and Numerals (0-120)..... NT
- Multi-digit Addition (2-digit numbers)..... NT
- Multi-digit Subtraction (2-digit numbers) NT
- Counting (by hundreds and thousands)..... NT
- Multiplication (grouping and repeated addition)

Grade Three

- Place Value (thousands, ten-thousands, & hundred-thousands)
- Comma and Place Holder
- Place Value (expanded form).....
- Rounding
- Multiplication Facts
- Multi-digit Addition (3 and 4-digit numbers).....
- Multi-digit Subtraction (3 and 4-digit numbers)
- Division (single digit divisor and remainders).....
- Multiplication Facts (factors of 0 and 1)
- Money (equivalent and non-equivalent numbers using money).....

Grade Four

- Multiplication (commutative, associative, distributive properties)....
- Multiplication (powers of ten)
- Place Value (thousands, ten-thousands, hundred-thousands, millions) ..
- Comparing and Ordering Numbers (through ten-millions)
- Decimals (comparing and ordering).....

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Grade Four (continued)

	Status
Rounding (10s, 100s, 1000s).....	NT
Adding and Subtracting Decimals	NT
Multi-digit Addition (estimation and computation).....	NT
Multiplication (2-digit numbers by a single digit number)	NT
Multiplication (3-digit numbers by a single digit number)	NT
Division (3 and 2-digit dividends by a single digit divisor with remainders).....	NT
Number Theory (divisibility).....	NT
Number Theory (factors).....	NT
Number Theory (multiples).....	NT

Grade Five

Multiplication (2 and 3-digit numbers by a 2-digit number)	NT
Percentages and Fractions	NT
Percentages and Decimals	NT
Percentages and Ratios.....	NT
Percentages and Proportions.....	NT
Percentages (estimating and calculating)	NT
Number Theory (prime and composite numbers)	NT
Number Theory (prime factors)	NT
Number Theory (greatest common factors)	NT
Number Theory (divisibility rules).....	NT
Multiplication (decimals and money notation)	NT
Division (decimals)	NT
Division (4-digit dividends by a 2-digit divisor with remainders).....	NT
Multiplication (commutative, associative, distributive properties).....	NT

Fractions (Grade Range: 2 to 5): low 3rd

Checked = Tested as mastery
 Unchecked = Tested as Non-mastery
 NT = Not Tested

Grade Two

Fractions (representing & comparing fractions, like denominator or numerator)	<input checked="" type="checkbox"/>
Fractions (as parts of sets).....	<input checked="" type="checkbox"/>
Fractions (equivalent fractions).....	<input checked="" type="checkbox"/>

Grade Three

Fractions (representing).....	<input checked="" type="checkbox"/>
Fractions (equivalent).....	<input type="checkbox"/>
Fractions (comparing)	NT
Fractions (ordering).....	NT
Renaming Fractions as Decimals (up to hundredths).....	NT
Fractions (solving problems with fractions).....	NT

Grade Four

Equivalent Fractions (lowest terms).....	NT
Renaming Fractions and Mixed Numbers as Decimals (tenths and hundredths).....	NT
Comparing and Ordering Fractions	NT
Proper, Improper, and Mixed Fractions	NT
Comparing Fractions (least common multiple).....	NT
Adding Fractions (like denominators).....	NT
Adding Fractions (unlike denominators).....	NT

Grade Five

Fractions (multiplying patterns).....	NT
Fractions (multiplying and dividing).....	NT

Student: **Kala Clark**

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Measurement Skills (Grade Range: K to 4): low 2nd

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 NT = Not Tested

	Status
Kindergarten	
Money Recognition	NT
Details: NTnickle; NTdime; NTdollar bill; NTquarter	
Grade One	
Time (reading a clock).....	NT
Details: NT# mins. in an hour; reading analog clock: NTq1; NTq2; NTq3	
Grade Two	
Time (calendar)	<input checked="" type="checkbox"/>
Elapsed Time	<input checked="" type="checkbox"/>
Money (value)	<input checked="" type="checkbox"/>
Temperature	<input checked="" type="checkbox"/>
Capacity (customary)	<input type="checkbox"/>
Capacity (metric)	<input type="checkbox"/>
Length (customary and metric)	<input type="checkbox"/>
Weight (customary and metric).....	<input checked="" type="checkbox"/>
Grade Three	
Time (calendar).....	<input type="checkbox"/>
Temperature	<input type="checkbox"/>
Length (customary and metric)	<input type="checkbox"/>
Weight (customary).....	<input type="checkbox"/>
Capacity (units of measure).....	<input type="checkbox"/>
Grade Four	
Length (customary)	NT
Length (converting customary units)	NT
Length (comparing customary units)	NT
Length (metric)	NT
Length (converting metric units)	NT
Length (comparing metric units).....	NT
Weight (units of measure).....	NT
Weight (converting and comparing units).....	NT
Capacity/Volume (customary)	NT
Area (customary)	NT
Perimeter and Circumference Measurement	NT
Capacity/Volume (comparing metric units).....	NT
Sides and Angles	NT