A New TABE for a New Era

TEST
ASSESSING
SECONDARY
COMPLETION™

TABE Current Status

- TABE 9&10 is approved until February 2019 (extended to June 30)
- TABE 9&10 released on new DRC INSIGHT platform
- TABE 11&12 Online released January 8, 2018 on DRC INSIGHT
- TABE 11&12 Paper/Pencil to be released April 1st
- Date that states will allow use of TABE 11&12 to be announced
  - TABE 9&10 cut off date to be announced later
- TABE CLAS-E approved in 20 states
  - New College and Career-Readiness (CCR) Standards pending for Adult ESL

NRS Changes

- Public comment period for WIOA draft regulations is closed
- Final NRS Descriptors released March 2016
- Final NRS Regulations released August 2016
  - Rules for all parts of NRS testing/reporting and AEFLA funding
- October 1, 2016, was the first application date for publishers
  - TABE 11&12 application submitted for NRS approval
- September 7, 2017 TABE 11&12 received 7 year NRS approval

TABE 11&12 Overview

- New standards
  - National College- and Career-Readiness (CCR) Standards
- New test length
  - Only one test length; no Survey and Complete Battery
- Changes to Math sections
  - Only one Math test; standards focus on Applied Math
- Improved Locator design
  - Longer Locator test provides a stronger prediction to TABE
- Reading, Math, and Language tests only
- Alignment to TASC Test and other HSE exams that align to CCRS

New NRS Educational Functioning Levels

Key Changes:

- Alignment to CCR Standards & Employability Skills Framework
- Same 6 levels but new domains / strands for each
- Increase in specificity & rigor (cognitive demand)
- Language of exit descriptors shifting away from limiting statements to elaborate detail
- Employability skills embedded throughout (often look like academic skills)

Employability Skills Framework website for reference
http://cte.ed.gov/employabilityskills/

From: http://www.in.gov/dwd/abe/files/Statewide_Webinar_2_11_15.pdf

NRS Changes Example: NRS Level 1 Math

Old:

Individual has little or no recognition of numbers or simple counting skills or may have only minimal skills, such as the ability to add or subtract single digit numbers.

New:

Students prepared to exit this level are able to **decipher a simple problem presented in a context** and **reason** about and **apply** correct units to the results. They can visualize a situation **using manipulatives or drawings** and **explain** their processes and results using mathematical terms and symbols appropriate for the level. They **recognize errors** in the work and reasoning of others. They are able to **strategically select** and **use** appropriate tools to aid in their work, such as pencil/paper, measuring devices, and/or manipulatives. They can see patterns and structure in sets of numbers and geometric shapes and use those insights to work more efficiently.

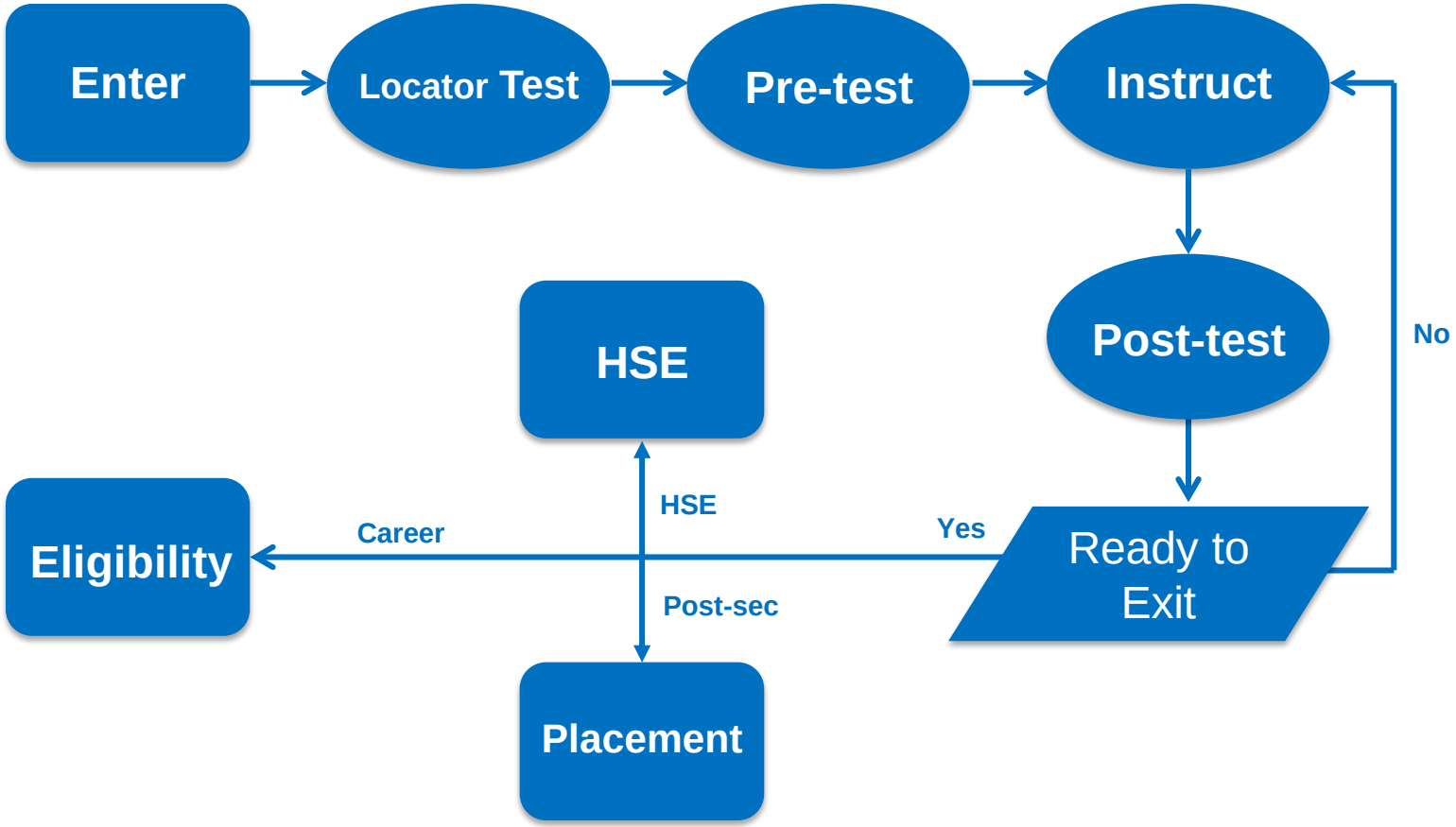
Number Sense and Operations: Students prepared to exit this level have an understanding of whole number place value for tens and ones and are able to **use their understanding** of place value to compare two-digit numbers. They are able to add whole numbers within 100 and **explain their reasoning**, e.g., using concrete models or drawings and strategies based on place value and/or properties of operations. They are able to **apply their knowledge** of whole number addition and subtraction to represent and solve word problems that call for addition of three whole numbers whose sum is less than 20 by using such problem-solving tools as objects, drawings, and/or simple equations.

Algebraic Thinking: Students prepared to exit this level **understand and apply** the properties of operations to addition and subtraction problems. They understand the relationship between the two operations and can determine the unknown number in addition or subtraction equations.

Geometry and Measurement: Students prepared to exit this level can **analyze and compare** 2-dimensional and 3-dimensional shapes based on their attributes, such as their shape, size, orientation, the number of sides and/or vertices (angles), or the lengths of their sides. They can **reason** with two-dimensional shapes (e.g., quadrilaterals and half- and quarter-circles) and with three-dimensional shapes (e.g., right prisms, cones, and cylinders) to **create composite shapes**. They are able to measure the length of an object as a whole number of units, which are not necessarily standard units, for example measuring the length of a pencil using a paper clip as the length unit.

Data Analysis: Students prepared to exit this level are able to **organize, represent, and interpret** simple data sets (e.g., lists of numbers, shapes, or items) using up to three categories. They can answer basic questions related to the total number of data points in a set and the number of data points in each category, and can compare the number of data points in the different categories.

How to Use TABE



TABE 11&12: Item Types

Level	EBSR	TE	Total	Passages
	Math (Calculator & Non-Calculator Parts)			
L	0	0	35	0
E	0	0	40	0
M	0	4	40	0
D	0	2	40	0
A	0	4	40	0
	Reading (Part 1 & Part 2)			
L	0	0	40	4
E	3	2	47	7
M	7	0	47	8
D	9	1	47	9
A	15	1	47	9
	Language			
L	0	0	35	0
E	0	7	40	2
M	0	4	40	3
D	0	5	40	6
A	0	8	40	4

TABE 11&12 Maximum Allowable Time Revised

Level	Reading Part 1	Reading Part 2	Language	Math Part 1	Math Part 2
L	35 minutes	60 minutes	60 minutes	75 minutes	N/A
E	60 minutes	60 minutes	60 minutes	75 minutes	N/A
M	60 minutes	60 minutes	60 minutes	60 minutes	15 minutes
D	60 minutes	60 minutes	60 minutes	40 minutes	35 minutes
A	60 minutes	60 minutes	60 minutes	30 minutes	45 minutes
Locator	45 minutes	N/A	25 minutes	15 minutes	15 minutes

TABE 11&12: Objectives by Level

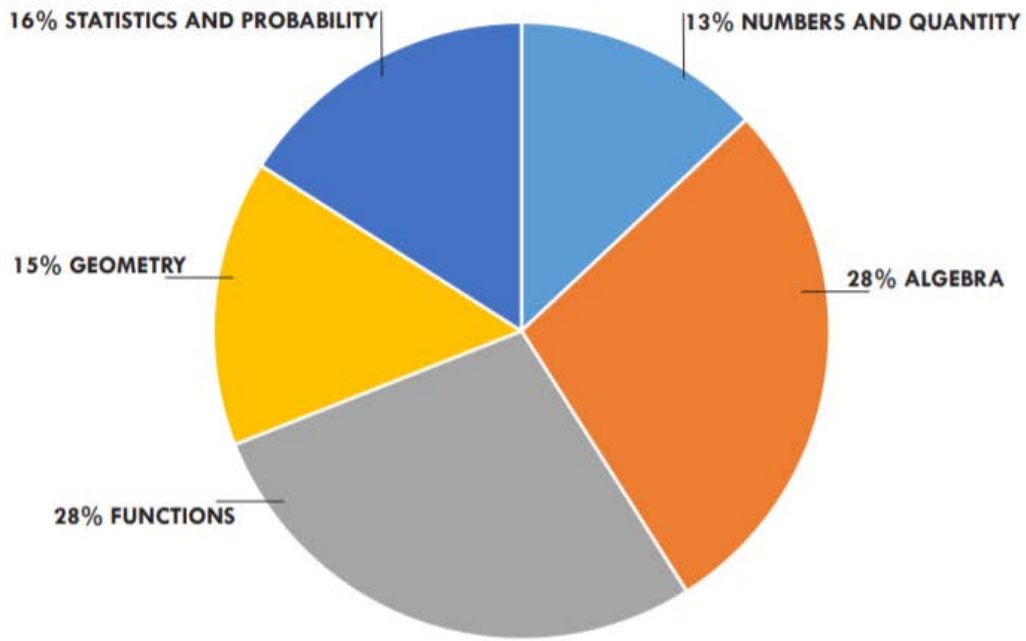
Content Area Reporting Objectives	Covered Objectives				
	L	E	M	D	A
Mathematics					
Measurement and Data	●	●	●		
Number and Operations in Base Ten	●	●	●		
Number and Operations Fractions		●	●		
Operations and Algebraic Thinking	●	●	●		
Geometry	●	●	●	●	●
Expressions and Equations			●	●	
Ratios and proportional Relationships			●	●	
The Number System			●	●	
Statistics and Probability			●	●	●
Functions				●	●
Algebra					●
Number and Quantity					●
Standards for Mathematical Practice (double count)	●	●	●	●	●
Reading					
Phonological Awareness	●				
Phonics and Word Recognition	●	●			
Key Ideas and Details	●	●	●	●	●
Craft and Structure	●	●	●	●	●
Integration of Knoledge and Ideas	●	●	●	●	●
Informational text (double count)	●	●	●	●	●
Literary Text (double count)			●	●	●
Language					
Conventions of Standard English	●	●	●	●	●
Knowledge of Language			●	●	
Vocabulary Acquisition and Use	●	●	●	●	●
Text Types and Purposes		●	●	●	●

TABE 11&12 Blueprints

Tests of Adult Basic Education

LEVEL A

TABE 11 & 12 MATHEMATICS BLUEPRINT OVERVIEW



TABE 11&12 Blueprints

GEOMETERY (15%)

DOMAIN	STANDARD	STANDARD DESCRIPTION	AE-CCR LEVEL	TABE 11/12 EMPHASIS LEVEL
G.CO: Congruence	G.CO.1	Know precise definitions of angle, circle, perpendicular line, parallel line, and line segment, based on the undefined notions of point, line, distance along a line, and distance around a circular arc.	E	Low
G.SRT: Similarity, Right Triangles, and Trigonometry	G.SRT.5	Use congruence and similarity criteria for triangles to solve problems and to prove relationships in geometric figures.	E	Medium
G.GMD: Geometric Measurement and Dimension	G.GMD.3	Use volume formulas for cylinders, pyramids, cones, and spheres to solve problems.	E	High
G.MG: Modeling with Geometry	G.MG.2	Apply concepts of density based on area and volume in modeling situations (e.g., persons per square mile, BTUs per cubic foot).	E	Medium

TABE 11&12: Level L

- Level L can be used to screen adult examinees entering literacy programs. Level L accomplishes this by screening for:
  - Visual/reversal problems
  - Auditory skills/sound discrimination
  - Beginning comprehension skills
  - Beginning mathematics application skills
  - Beginning grammar, capitalization, punctuation, and spelling skills
  - Vocabulary and word meaning
  - Beginning reading skills

TABE 11&12: Levels E/M/D/A Reading

- TABE 11&12 Reading content reflects mature, life- and work-related situations and highlights overlapping objectives, from word-meaning skills to critical-thinking skills
  - These are measured using texts and forms familiar to everyday adult lives, as well as through excerpts that reflect our cultural diversity
  - Based on OCTAE CCR standards focused largely on informational texts (e.g. research, scientific, historical information)
  - The previous focus on literary text (e.g. fiction, memoir, poetry) is significantly decreased

TABE 11&12: Levels E/M/D/A Mathematics

- TABE 11&12 Mathematics reflects math application, particularly routine tasks such as estimating quantities and making computations involving time, distance, weight, etc.
  - Standards have more emphasis on applied versus computation skills
  - Item sets are integrated by mathematical contexts appropriate for adults
  - The objective distribution at Level A is very closely aligned with the content distribution of the TASC/HSE Mathematics test

TABE 11&12: Levels E/M/D/A Language

- The goal of adult language instruction is to build communication skills necessary for functioning effectively on the job and in daily life
  - TABE Language assesses skills in grammar, usage, mechanics, sentence formation, and paragraph development. Understanding of word meaning and relationships, context, spelling, capitalization and punctuation in sentences, phrases, and clauses is included
  - Items are presented in meaningful contexts that reflect the writing process as it is applied in life

Example of how CCRS changes test items

Applied Mathematics

Reliable Cable provides cable TV service to houses and businesses. They bill monthly for their services. Study the Statement of Service. Then do Numbers 1 through 5.

Reliable Cable Service

Statement of Service from 4/01 to 4/30	
Installation Fee	$73.25
Monthly Charges	$32.95
Balance Due	

1. Which of the following is the correct amount to enter in the Balance Due box?
   - **A** $40.30
   - **B** $105.20
   - **C** $106.20
   - **D** $146.50

2. What month of service is covered by the Statement of Service from Reliable Cable?
   - **F** October
   - **G** January
   - **H** June
   - **J** April

3. To the nearest dollar, what does Reliable Cable charge for one month of service?
   - **A** $30
   - **B** $33
   - **C** $40
   - **D** $73

4. How much will a customer pay for 6 months of service from Reliable Cable?
   - **F** $182.40
   - **G** $187.70
   - **H** $195.40
   - **J** $197.70

5. The Statement of Service covers a full month of cable service. About how much does Reliable Cable service cost per day?
   - **A** $0.32
   - **B** $1.00
   - **C** $10.00
   - **D** $33.00

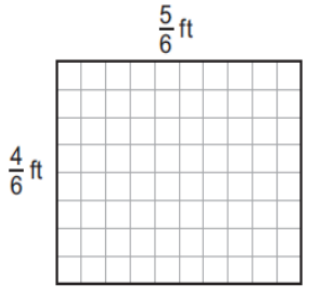
Tests of Adult Basic Education

LEVEL M

TABE 11 & 12 MATHEMATICS PRACTICE ITEMS

4. Look at the rectangle.

What is the area of the rectangle, written in simplest form?



A. $\frac{5}{9}$ ft^2

B. $\frac{3}{4}$ ft^2

C. 3 ft^2

D. $3\frac{1}{3}$ ft^2

5. Two boys earn money mowing lawns. Jacob mowed 12 lawns this week. He mowed 3 times as many lawns as Kevin mowed.

In which equation does the box represent the number of lawns Kevin mowed?

A. 3 + ☐ = 12

B. 3 × ☐ = 12

C. 12 + 3 = ☐

D. 12 × 3 = ☐

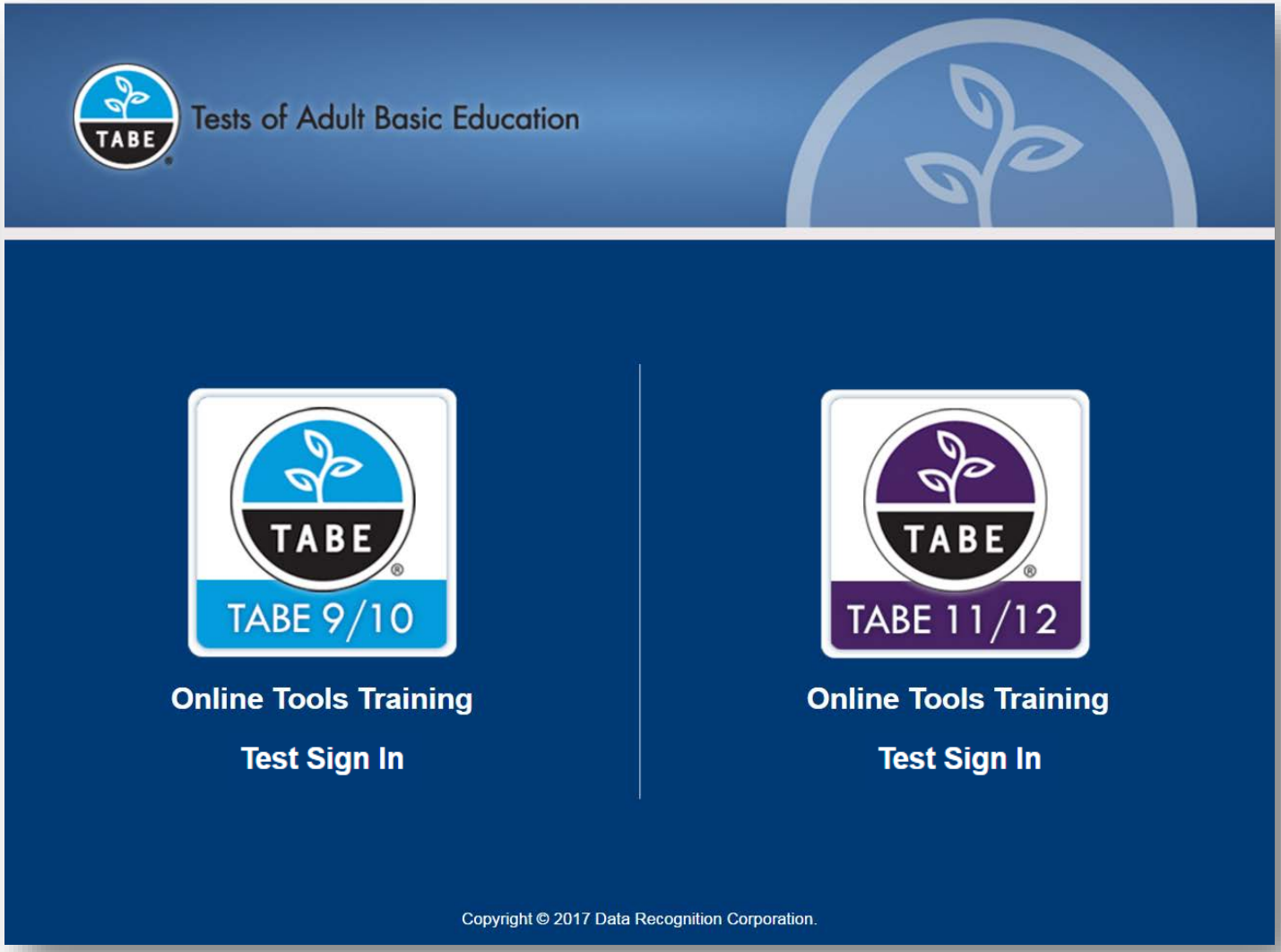
DRC INSIGHT Test Engine

TEST ASSESSING SECONDARY COMPLETION™

DRC INSIGHT Test Engine

- Intuitive, universally designed testing interface that is accessible for all students
- Consistent and reliable performance on a range of testing devices
  - INSIGHT Runs on Windows, Mac, iOS, Chrome, Linux
  - More than 32 million tests delivered in 2016–2017
- Same platform for TABE, TASC Test, TASC Readiness and TABE CLAS-E (pending).
- Since Sept 2017, 3.15 million TABE Sub-tests have been scheduled and 2.1 million of those completed

Examinee Access



TABE Scanning and Scoring

- Web-based; no TestMate software required
- Scanning can be done on plain-paper scanners (examples)
  - Epson WorkForce ES-200
  - Epson WorkForce ES-300
  - Epson WorkForce ES-400
  - Epson WorkForce ES-500
  - FUJITSU Document Scanner fi-7160
  - Brother ImageCente ADS-2800W
- Dual read, Continuous feed, TWAIN compliant
  - Future enhancement: Office Copy Machines
  - Future enhancement: Cell phone captured pictures
- All Data stored in the TABE Database also used by TABE Online

TABE Reports

- TABE 11&12 Individual Profile
- TABE 11&12 Individual Portfolio
- TABE 11&12 Locator Report
- TABE 11&12 Bulk Export
- TABE 11&12 Roster Group Report
- TABE 11&12 Local Exporting
- TABE 11&12 Individual Diagnostic Report (planned)
- TABE 11&12 Workforce Report (planned)

DATA RECOGNITION CORPORATION DRC

TABE

Individual Profile: Johnson, Mike

Report Criteria			
ID:	4900	State:	MN
Test Name:	TABE 11 ALL	District:	SAMPLE DISTRICT
Report:		School:	TABE TEST SCHOOL
Report Date:	01-12-2018		

Test Results	Test Date	Level	Number of Points		Items Attempted	Scale Score	SEM	NRS Level
			Total	Obtained				
Reading	01/11/2018	A	56	40	40	602	19	5
Mathematics	01/12/2018	M	39	33	35	584	22	4
Language	01/12/2018	A	43	31	35	607	23	5

If a student scores more than one NRS level above the targeted level, then a (+) sign will appear next to the scale score and their score will be set to the highest possible scale score, which is one above the targeted level. In this case, students may want to test with a higher TABE test in order to better assess their ability.

Performance on Domains	Performance Category			
	Number of Items	Non-Proficiency	Partial Proficiency	Proficiency
Reading				
Key Ideas and Details	18		✓	
Craft and Structure	17		✓	
Integration of Knowledge and Ideas	5			✓
Mathematics				
Measurement and Data	6			✓
Numbers and Operations - Fractions	7		✓	
Numbers and Operations - Base Ten	5		✓	
Operations and Algebraic Thinking	4			✓
Geometry	4		✓	
Expressions and Equations	4			✓
Language				
Conventions of Standard English	21		✓	
Vocabulary Acquisition and Use	4		✓	
Text Types and Purposes	10		✓	

DATA RECOGNITION DRC CORPORATION

TABE

Individual Profile: Johnson, Mike

Report Criteria			
ID:	4900	State:	MN
Test Name:	TABE 11 ALL	District:	SAMPLE DISTRICT
Report:		School:	TABE TEST SCHOOL
Report Date:	01-12-2018		

FORM	DOMAIN	CATEGORY	SKILL
A	**Reading**		
	Key Ideas and Details	Text Details	• Draw inferences in text • Identify main idea • Support main idea • Summarize • Describe relationship between events
	Craft and Structure	Text Structure	• Meaning of on-level words or phrases in context • Use text tools to locate information • Identify author's/s' point of view • Identify author's purpose • Identify how author uses rhetoric
	Integration of Knowledge and Ideas	Text Integration	• Evaluate arguments/claims in text
M	**Mathematics**		
	Measurement and Data	Measurement	• Solve problems using scaled bar graph • Identify and measure angles • Apply standard measurement • Understand line plots • Calculate and interpret volume
	Numbers and Operations - Fractions	Fractions	• Evaluate fractions • Add fractions • Multiply fractions • Understand decimals • Divide fractions
	Numbers and Operations - Base Ten	Base Ten	• Add whole numbers • Compare and compose tens • Understand place value • Round • Multiply whole numbers • Find quotients and remainders • Understand decimals
	Operations and Algebraic Thinking	Operations	• Apply properties of operations: addition and subtraction • Multiply whole numbers • Apply properties of operations: multiplication and division • Understand and apply pattern rules • Understand prime and composite numbers • Evaluate expressions
	Geometry	Geometry and Spatial Sense	• Know geometric shapes, figures, and attributes • Know coordinate values and grid quadrants
	Expressions and Equations	Expressions and Equations	• Understand exponents • Evaluate expressions • Understand ordered pairs • Evaluate equations and inequalities
	Ratios and Proportional	Ratio and Relationships	• Understand ratio relationships

TABE 11&12 Resources

Now available on tabetest.com:

- TABE 11&12 Blueprints
  - www.tabetest.com/resources-2/testing-information/blue-prints/
- TABE 11&12 Sample Practice Items
  - www.tabetest.com/resources-2/testing-information/tabe-1112-practice/
- TABE 11&12 Online Tools Training
  - www.tabetest.com/resources-2/testing-information/online-tools-training/

Thank You!

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