

## **2012-2013 DIBELS Data System Update DDS - easyCBM Math**

The DIBELS Data System (DDS) has offered the 48-item (2009) easyCBM Math benchmark assessment to customers during the 2010-11 and the 2011-12 school years. We will continue to offer the assessment during the 2012-13 school year and are excited to announce some changes to the assessment and administration, and to our reporting. We think you will find these changes beneficial to both the screening process and in making instructional decisions based on the screening results.

### **Assessment and Administration**

DIBELS Data System researchers at the Center on Teaching and Learning (CTL) worked with University of Oregon colleagues and developers of the assessment on a research study during the 2009-2010 school year. The results of that study produced a set of nationally representative percentiles for the 48-item (2009) easyCBM Math assessment. Another result of this work was a revision to the measures. Three items were removed from each grade at each time period reducing the set of 48 items to a set of 45 items for each grade level at each of the three benchmark periods. The 45-item (2010) version of the assessment will replace the 48-item (2009) version on DDS starting in July 2012.

In addition to the change in item number the administration format was updated to group all of the items together. Students no longer need to choose each of the three sub-tests to complete the full assessment. They have only one menu choice to start the current time period's assessment and are presented with all 45 items in a continuous administration. This results in less menu options, eliminates the possibility for choosing the incorrect sub-test, and provides a more streamlined screening experience. As with previous administration, a student can stop the assessment at any point and the system will save their place so they can resume at a later time if they need to take the assessment over multiple sessions.

### **Reporting**

CTL recognizes that many schools are in the process of adopting and adjusting to the Common Core State Standards (CCSS). In order to help facilitate that process we want to provide screening results in a format compatible with the CCSS so CTL researchers have mapped the easyCBM Math items to the domains in the CCSS. We feel it is important to note that the math items were not designed with the CCSS in mind so there is not a close alignment between the two for all items. Also important to note is that this mapping was done independently by CTL and did not involve the developers of the measures. That stated, we feel we were able to accurately categorize all items at the domain level. We are exploring possibilities for reporting on items at the more detailed standard-level and will provide an update on that later this year.

The following pages of this document include tables displaying the CCSS domains at each grade level and the number of easyCBM Math items that CTL mapped to each domain. Sample DDS reports that display assessment results using CTL's CCSS domain mapping will be posted on our Report Page soon.

More information about the DDS easyCBM Math assessment can be found on our Resources and Help Pages. Please contact us if you have any questions. DDS easyCBM Math is not associated with Riverside Publishing or their easyCBM District offering.

**DDS - easyCBM Math Item Mapping to the Common Core State Standard Domains:** The numbers in the table below refer to the number of items in the DDS easyCBM Math assessment that were mapped to the corresponding Common Core State Standard Domain. Not all domains are represented equally as the assessment was not originally designed for the Common Core state Standards. Shaded boxes indicate that the domain does not apply to the grade.

**Total Items: 135 per grade including beginning, middle, and end of year**

Common Core State Standard Domain	Kindergarten	1 <sup>st</sup> Grade	2 <sup>nd</sup> Grade	3 <sup>rd</sup> Grade	4 <sup>th</sup> Grade	5 <sup>th</sup> Grade	6 <sup>th</sup> Grade
Counting and Cardinality (CC)	28						
Operations and Algebraic Thinking (OA)	18	45	19	45	29	3	
Number and Operations in Base Ten (NBT)	0	48	64	0	19	58	
Measurement and Data (MD)	43	0	52	4	52	39	
Geometry (G)	46	42	0	42	0	3	0
Number and Operations – Fractions (NF)				44	35	32	
Ratios and Proportional Relationships (RP)							37
The Number System (NS)							45
Expressions and Equations (EE)							42
Statistics and Probability (SP)							11

**Beginning of Year Items: 45 per grade**

Common Core State Standard Domain	Kindergarten	1 <sup>st</sup> Grade	2 <sup>nd</sup> Grade	3 <sup>rd</sup> Grade	4 <sup>th</sup> Grade	5 <sup>th</sup> Grade	6 <sup>th</sup> Grade
Counting and Cardinality (CC)	11						
Operations and Algebraic Thinking (OA)	4	13	7	16	13	0	
Number and Operations in Base Ten (NBT)	0	17	21	0	3	17	
Measurement and Data (MD)	14	0	17	2	17	13	
Geometry (G)	16	15	0	13	0	1	0
Number and Operations – Fractions (NF)				14	12	14	
Ratios and Proportional Relationships (RP)							13
The Number System (NS)							16
Expressions and Equations (EE)							13
Statistics and Probability (SP)							3

**Middle of Year Items: 45 per grade**

<b>Common Core State Standard Domain</b>	<b>Kindergarten</b>	<b>1<sup>st</sup> Grade</b>	<b>2<sup>nd</sup> Grade</b>	<b>3<sup>rd</sup> Grade</b>	<b>4<sup>th</sup> Grade</b>	<b>5<sup>th</sup> Grade</b>	<b>6<sup>th</sup> Grade</b>
Counting and Cardinality (CC)	10						
Operations and Algebraic Thinking (OA)	5	15	6	14	5	2	
Number and Operations in Base Ten (NBT)	0	16	23	0	11	21	
Measurement and Data (MD)	14	0	16	2	18	12	
Geometry (G)	16	14	0	14	0	2	0
Number and Operations – Fractions (NF)				15	11	8	
Ratios and Proportional Relationships (RP)							11
The Number System (NS)							15
Expressions and Equations (EE)							14
Statistics and Probability (SP)							5

**End of Year Items: 45 per grade**

<b>Common Core State Standard Domain</b>	<b>Kindergarten</b>	<b>1<sup>st</sup> Grade</b>	<b>2<sup>nd</sup> Grade</b>	<b>3<sup>rd</sup> Grade</b>	<b>4<sup>th</sup> Grade</b>	<b>5<sup>th</sup> Grade</b>	<b>6<sup>th</sup> Grade</b>
Counting and Cardinality (CC)	7						
Operations and Algebraic Thinking (OA)	9	17	6	15	11	1	
Number and Operations in Base Ten (NBT)	0	15	20	0	5	20	
Measurement and Data (MD)	15	0	19	0	17	14	
Geometry (G)	14	13	0	15	0	0	0
Number and Operations – Fractions (NF)				15	12	10	
Ratios and Proportional Relationships (RP)							13
The Number System (NS)							14
Expressions and Equations (EE)							15
Statistics and Probability (SP)							3