

**2013-
2014**

Rogers Public Schools

5th Grade

Revision 7-15-13

[HIGHLY-TESTED S.L.E.'S AND COMMON CORE CONNECTIONS WITH SUCCESSMAKER LINKS]

This document provides a suggested connection (bridge) with Arkansas Frameworks S.L.E.'s that are Highly Tested on Benchmark and the Common Core State Standards. S.L.E.'s with a CCSS connection are noted in the 2nd Column and can be taught through that CCSS. For those S.L.E.'s that could not be directly connected to a CCSS, a suggested instructional unit was noted with an "X". An S.L.E. box shaded in yellow indicates this is the first year/grade level for that S.L.E. content to be taught. S.L.E.'s that are tested every year are coded in Green; those that are tested the majority of years are coded in Blue. If a Science Standard Connection was available, those are labeled in Red. Many of the S.L.E.'s had activity connections in SuccessMaker that could be used during a Math Talk, Warm-up or for a lesson teach piece in your class. Those connections are directly hyperlinked within the S.L.E. box.

5th Grade Highly-Tested SLEs and Common Core Connection

***Yellow shaded SLE's indicate this grade level introduced this content in the Frameworks. ***

Arkansas Frameworks SLE Green - Tested every year Blue - Tested majority of years Red – Science Standard Connection	Taught with Common Core?	Unit 1	Unit 2	Unit 3	Unit 4	Unit 5
NO.2.5.2 - Identify <i>commutative</i> and <i>associative</i> properties SM: http://smcache/content/MATH/sco_preview.html?SCO_ID=.lo/SMMA_LO_01090.xml&template=null&launch_data=null	Y (5.OA.1-2)	☒				
NO.2.5.4 - Apply rules (conventions) for <i>order of operations</i> to <i>whole numbers</i> where the left to right computations are modified only by the use of parentheses SM: http://smcache/content/MATH/sco_preview.html?SCO_ID=.lo/SMMA_LO_01091.xml&template=null&launch_data=null	Y (5.OA.1-2)	☒				
NO.3.5.3 – Solve, with and without appropriate <i>technology</i>, <i>two-step</i> problems using a variety of methods and tools (i.e. objects, mental computation, paper and pencil) SM: http://smcache/content/MATH/sco_preview.html?SCO_ID=.lo/SMMA_LO_00371.xml&template=null&launch_data=null http://smcache/content/MATH/sco_preview.html?SCO_ID=.lo/SMMA_LO_00372.xml&template=null&launch_data=null http://smcache/content/MATH/sco_preview.html?SCO_ID=.lo/SMMA_LO_01297.xml&template=null&launch_data=null	Y (embedded through Common Core)			☒		
A.4.5.1 - Solve problems by finding the next term or missing term in a pattern or <i>function</i> table using <i>real</i> world situations SM: http://smcache/content/MATH/sco_preview.html?SCO_ID=.lo/SMMA_LO_01056.xml&template=null&launch_data=null http://smcache/content/MATH/sco_preview.html?SCO_ID=.lo/SMMA_LO_01058.xml&template=null&launch_data=null http://smcache/content/MATH/sco_preview.html?SCO_ID=.lo/SMMA_LO_01063.xml&template=null&launch_data=null http://smcache/content/MATH/sco_preview.html?SCO_ID=.lo/SMMA_LO_01276.xml&template=null&launch_data=null	Y (5.OA.3-include using a function table)					☒
A.4.5.2 – Interpret and write a rule for a one-operation <i>function table</i> (Ex: adding 3) SM: http://smcache/content/MATH/sco_preview.html?SCO_ID=.lo/SMMA_LO_00358.xml&template=null&launch_data=null	Y (5.OA.3-include using a table)					☒
A.5.5.1 - Model and solve simple <i>equations</i> by informal methods using manipulatives and appropriate <i>technology</i> SM: http://smcache/content/MATH/sco_preview.html?SCO_ID=.lo/SMMA_LO_00369.xml&template=null&launch_data=null http://smcache/content/MATH/sco_preview.html?SCO_ID=.lo/SMMA_LO_00370.xml&template=null&launch_data=null http://smcache/content/MATH/sco_preview.html?SCO_ID=.lo/SMMA_LO_00371.xml&template=null&launch_data=null http://smcache/content/MATH/sco_preview.html?SCO_ID=.lo/SMMA_LO_00372.xml&template=null&launch_data=null	Y (embedded through Common Core) NUMBER TALKS			☒		

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Arkansas Frameworks SLE Green - Tested every year Blue - Tested majority of years Red – Science Standard Connection	Taught with Common Core?	Unit 1	Unit 2	Unit 3	Unit 4	Unit 5
A.5.5.2 - Write <i>expressions</i> containing one <i>variable</i> (a letter representing an unknown quantity) using rules for addition and subtraction SM: http://smcache/content/MATH/sco_preview.html?SCO_ID=.lo/SMMA_LO_01759.xml&template=null&launch_data=null http://smcache/content/MATH/sco_preview.html?SCO_ID=.lo/SMMA_LO_01760.xml&template=null&launch_data=null http://smcache/content/MATH/sco_preview.html?SCO_ID=.lo/SMMA_LO_01761.xml&template=null&launch_data=null http://smcache/content/MATH/sco_preview.html?SCO_ID=.lo/SMMA_LO_01762.xml&template=null&launch_data=null	Y (embedded through Common Core) NUMBER TALKS				☒	
G.8.5.1 - Identify and <i>model</i> regular and <i>irregular</i> polygons including decagon SM: http://smcache/content/MATH/sco_preview.html?SCO_ID=.lo/SMMA_LO_00651_MANIFEST.xml&template=null&launch_data=null http://smcache/content/MATH/sco_preview.html?SCO_ID=.lo/SMMA_LO_01728_MANIFEST.xml&template=null&launch_data=null	N					☒
G.8.5.2 - Identify and draw <i>congruent</i>, <i>adjacent</i>, <i>obtuse</i>, <i>acute</i>, <i>right</i> and <i>straight</i> angles (Label parts of an angle: <i>vertex</i>, <i>rays</i>, <i>interior</i> and <i>exterior</i>) SM: http://smcache/content/MATH/sco_preview.html?SCO_ID=.lo/SMMA_LO_00637.xml&template=null&launch_data=null	N (can be taught 5.G.3)					☒
G.8.5.4 – <i>Model</i> and identify the properties of <i>congruent</i> figures SM: http://smcache/content/MATH/sco_preview.html?SCO_ID=.lo/SMMA_LO_00634.xml&template=null&launch_data=null http://smcache/content/MATH/sco_preview.html?SCO_ID=.lo/SMMA_LO_00640.xml&template=null&launch_data=null http://smcache/content/MATH/sco_preview.html?SCO_ID=.lo/SMMA_LO_00642.xml&template=null&launch_data=null	N					☒
G.9.5.1 - Predict and describe the results of <i>translation</i> (<i>slide</i>), <i>reflection</i> (<i>flip</i>), <i>rotation</i> (<i>turn</i>), showing that the transformed shape remains unchanged SM: http://smcache/content/MATH/sco_preview.html?SCO_ID=.lo/SMMA_LO_00648.xml&template=null&launch_data=null http://smcache/content/MATH/sco_preview.html?SCO_ID=.lo/SMMA_LO_00665.xml&template=null&launch_data=null http://smcache/content/MATH/sco_preview.html?SCO_ID=.lo/SMMA_LO_01776.xml&template=null&launch_data=null	N					☒

5th Grade Highly-Tested SLEs and Common Core Connection

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Arkansas Frameworks SLE Green - Tested every year Blue - Tested majority of years Red - Science Standard Connection	Taught with Common Core?	Unit 1	Unit 2	Unit 3	Unit 4	Unit 5
G.10.5.1 Use geometric vocabulary (horizontal/x-axis, vertical/ y-axis, ordered pairs) to describe the location and plot points in Quadrant I SM: http://smcache/content/MATH/sco_preview.html?SCO_ID=.lo/SMMA_LO_01077.xml&template=null&launch_data=null http://smcache/content/MATH/sco_preview.html?SCO_ID=.lo/SMMA_LO_01092.xml&template=null&launch_data=null http://smcache/content/MATH/sco_preview.html?SCO_ID=.lo/SMMA_LO_01735.xml&template=null&launch_data=null http://smcache/content/MATH/sco_preview.html?SCO_ID=.lo/SMMA_LO_01736.xml&template=null&launch_data=null	Y (5.OA.3, 5.G.1)					
G.11.5.1 - Using grid paper, draw and identify <i>two-dimensional</i> patterns (<i>nets</i>) for <i>cubes</i> SM: http://smcache/content/MATH/sco_preview.html?SCO_ID=.lo/SMMA_LO_01772.xml&template=null&launch_data=null	N					
M.12.5.2 - Make conversions within the customary measurement system in <i>real</i> world problems (Ex. hours to minutes, feet to inches, quarts to gallons, etc) SM: http://smcache/content/MATH/sco_preview.html?SCO_ID=.lo/SMMA_LO_00166.xml&template=null&launch_data=null	Y (5.MD.1)					
M.12.5.4 - Understand when to use <i>linear</i> units to describe <i>perimeter</i>, <i>square</i> units to describe <i>area</i> or <i>surface area</i>, and cubic units to describe <i>volume</i>, in <i>real</i> world situations (aligns with M.13.4.8) Science Standard PS.5.5.3 SM: http://smcache/content/MATH/sco_preview.html?SCO_ID=.lo/SMMA_LO_00826.xml&template=null&launch_data=null http://smcache/content/MATH/sco_preview.html?SCO_ID=.lo/SMMA_LO_00829.xml&template=null&launch_data=null http://smcache/content/MATH/sco_preview.html?SCO_ID=.lo/SMMA_LO_00833.xml&template=null&launch_data=null	Y (volume 5.MD.3-5) and N (linear units to describe perimeter and square units to describe area or surface area)					
M.13.5.4 - Develop and use <i>strategies</i> to solve <i>real</i> world problems involving <i>perimeter</i> and <i>area</i> of rectangles SM: http://smcache/content/MATH/sco_preview.html?SCO_ID=.lo/SMMA_LO_00802.xml&template=null&launch_data=null http://smcache/content/MATH/sco_preview.html?SCO_ID=.lo/SMMA_LO_00810.xml&template=null&launch_data=null http://smcache/content/MATH/sco_preview.html?SCO_ID=.lo/SMMA_LO_00818.xml&template=null&launch_data=null http://smcache/content/MATH/sco_preview.html?SCO_ID=.lo/SMMA_LO_00826.xml&template=null&launch_data=null	N					

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Arkansas Frameworks SLE Green - Tested every year Blue - Tested majority of years Red - Science Standard Connection	Taught with Common Core?	Unit 1	Unit 2	Unit 3	Unit 4	Unit 5
DAP.14.5.1 - Develop appropriate questions for surveys	N		☒			
DAP.14.5.2 - Collect numerical and categorical data using surveys, observations and experiments that would result in <i>bar graphs, line graphs, line plots</i> and <i>stem-and-leaf plots</i> SM: http://smcache/content/MATH/sco_preview.html?SCO_ID=.lo/SMMA_LO_01327.xml&template=null&launch_data=null	Y (5.MD.2 - line plot) N (bar graphs, line graphs, and stem-and-leaf must be covered)		☒			
DAP.14.5.3 - Construct and interpret <i>frequency tables, charts, line plots, stem-and-leaf plots</i> and <i>bar graphs</i> Science Standard NS.1.5.4 SM: http://smcache/content/MATH/sco_preview.html?SCO_ID=.lo/SMMA_LO_01180.xml&template=null&launch_data=null http://smcache/content/MATH/sco_preview.html?SCO_ID=.lo/SMMA_LO_01186.xml&template=null&launch_data=null http://smcache/content/MATH/sco_preview.html?SCO_ID=.lo/SMMA_LO_01185.xml&template=null&launch_data=null http://smcache/content/MATH/sco_preview.html?SCO_ID=.lo/SMMA_LO_01192.xml&template=null&launch_data=null http://smcache/content/MATH/sco_preview.html?SCO_ID=.lo/SMMA_LO_01307.xml&template=null&launch_data=null http://smcache/content/MATH/sco_preview.html?SCO_ID=.lo/SMMA_LO_01313.xml&template=null&launch_data=null http://smcache/content/MATH/sco_preview.html?SCO_ID=.lo/SMMA_LO_01314.xml&template=null&launch_data=null http://smcache/content/MATH/sco_preview.html?SCO_ID=.lo/SMMA_LO_01328.xml&template=null&launch_data=null http://smcache/content/MATH/sco_preview.html?SCO_ID=.lo/SMMA_LO_01696.xml&template=null&launch_data=null http://smcache/content/MATH/sco_preview.html?SCO_ID=.lo/SMMA_LO_01763.xml&template=null&launch_data=null http://smcache/content/MATH/sco_preview.html?SCO_ID=.lo/SMMA_LO_01764.xml&template=null&launch_data=null http://smcache/content/MATH/sco_preview.html?SCO_ID=.lo/SMMA_LO_01769.xml&template=null&launch_data=null http://smcache/content/MATH/sco_preview.html?SCO_ID=.lo/SMMA_LO_01770.xml&template=null&launch_data=null	N		☒			

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DAP.15.5.1 - Interpret <i>graphs</i> such as <i>line graphs</i>, <i>double bar graphs</i>, and <i>circle graphs</i> Science Standard NS.1.5.4 SM: http://smcache/content/MATH/sco_preview.html?SCO_ID=.lo/SMMA_LO_00150.xml&template=null&launch_data=null http://smcache/content/MATH/sco_preview.html?SCO_ID=.lo/SMMA_LO_00152.xml&template=null&launch_data=null http://smcache/content/MATH/sco_preview.html?SCO_ID=.lo/SMMA_LO_00154.xml&template=null&launch_data=null http://smcache/content/MATH/sco_preview.html?SCO_ID=.lo/SMMA_LO_01176.xml&template=null&launch_data=null http://smcache/content/MATH/sco_preview.html?SCO_ID=.lo/SMMA_LO_01178.xml&template=null&launch_data=null http://smcache/content/MATH/sco_preview.html?SCO_ID=.lo/SMMA_LO_01180.xml&template=null&launch_data=null http://smcache/content/MATH/sco_preview.html?SCO_ID=.lo/SMMA_LO_01192.xml&template=null&launch_data=null http://smcache/content/MATH/sco_preview.html?SCO_ID=.lo/SMMA_LO_01307.xml&template=null&launch_data=null http://smcache/content/MATH/sco_preview.html?SCO_ID=.lo/SMMA_LO_01313.xml&template=null&launch_data=null http://smcache/content/MATH/sco_preview.html?SCO_ID=.lo/SMMA_LO_01324.xml&template=null&launch_data=null http://smcache/content/MATH/sco_preview.html?SCO_ID=.lo/SMMA_LO_01325.xml&template=null&launch_data=null http://smcache/content/MATH/sco_preview.html?SCO_ID=.lo/SMMA_LO_01694.xml&template=null&launch_data=null http://smcache/content/MATH/sco_preview.html?SCO_ID=.lo/SMMA_LO_01763.xml&template=null&launch_data=null	N		☒			

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DAP.15.5.2 Determine, with and without appropriate <i>technology</i>, the <i>range</i>, <i>mean</i>, <i>median</i> and <i>mode</i> (whole number data sets) and explain what each indicates about the set of data Science Standard NS.1.5.3 SM: http://smcache/content/MATH/sco_preview.html?SCO_ID=.lo/SMMA_LO_00164.xml&template=null&launch_data=null http://smcache/content/MATH/sco_preview.html?SCO_ID=.lo/SMMA_LO_00167.xml&template=null&launch_data=null http://smcache/content/MATH/sco_preview.html?SCO_ID=.lo/SMMA_LO_01164.xml&template=null&launch_data=null http://smcache/content/MATH/sco_preview.html?SCO_ID=.lo/SMMA_LO_01166.xml&template=null&launch_data=null http://smcache/content/MATH/sco_preview.html?SCO_ID=.lo/SMMA_LO_01168.xml&template=null&launch_data=null http://smcache/content/MATH/sco_preview.html?SCO_ID=.lo/SMMA_LO_01169.xml&template=null&launch_data=null http://smcache/content/MATH/sco_preview.html?SCO_ID=.lo/SMMA_LO_01170.xml&template=null&launch_data=null http://smcache/content/MATH/sco_preview.html?SCO_ID=.lo/SMMA_LO_01176.xml&template=null&launch_data=null http://smcache/content/MATH/sco_preview.html?SCO_ID=.lo/SMMA_LO_01199.xml&template=null&launch_data=null http://smcache/content/MATH/sco_preview.html?SCO_ID=.lo/SMMA_LO_01719.xml&template=null&launch_data=null http://smcache/content/MATH/sco_preview.html?SCO_ID=.lo/SMMA_LO_01720.xml&template=null&launch_data=null http://smcache/content/MATH/sco_preview.html?SCO_ID=.lo/SMMA_LO_01726.xml&template=null&launch_data=null http://smcache/content/MATH/sco_preview.html?SCO_ID=.lo/SMMA_LO_01727.xml&template=null&launch_data=null http://smcache/content/MATH/sco_preview.html?SCO_ID=.lo/SMMA_LO_01765.xml&template=null&launch_data=null http://smcache/content/MATH/sco_preview.html?SCO_ID=.lo/SMMA_LO_01766.xml&template=null&launch_data=null http://smcache/content/MATH/sco_preview.html?SCO_ID=.lo/SMMA_LO_01767.xml&template=null&launch_data=null http://smcache/content/MATH/sco_preview.html?SCO_ID=.lo/SMMA_LO_01768.xml&template=null&launch_data=null	N	☑				

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DAP.16.5.1 - Make predictions and justify conclusions based on data Science Standard NS.1.5.5 SM: http://smcache/content/MATH/sco_preview.html?SCO_ID=.lo/SMMA_LO_01192.xml&template=null&launch_data=null http://smcache/content/MATH/sco_preview.html?SCO_ID=.lo/SMMA_LO_01312.xml&template=null&launch_data=null	N	☒				
DAP.17.5.1 - Identify and predict the <i>probability</i> of events within a simple experiment SM: http://smcache/content/MATH/sco_preview.html?SCO_ID=.lo/SMMA_LO_01165.xml&template=null&launch_data=null http://smcache/content/MATH/sco_preview.html?SCO_ID=.lo/SMMA_LO_01177.xml&template=null&launch_data=null http://smcache/content/MATH/sco_preview.html?SCO_ID=.lo/SMMA_LO_01179.xml&template=null&launch_data=null http://smcache/content/MATH/sco_preview.html?SCO_ID=.lo/SMMA_LO_01187.xml&template=null&launch_data=null http://smcache/content/MATH/sco_preview.html?SCO_ID=.lo/SMMA_LO_01191.xml&template=null&launch_data=null http://smcache/content/MATH/sco_preview.html?SCO_ID=.lo/SMMA_LO_01193.xml&template=null&launch_data=null http://smcache/content/MATH/sco_preview.html?SCO_ID=.lo/SMMA_LO_01197.xml&template=null&launch_data=null http://smcache/content/MATH/sco_preview.html?SCO_ID=.lo/SMMA_LO_01198.xml&template=null&launch_data=null http://smcache/content/MATH/sco_preview.html?SCO_ID=.lo/SMMA_LO_01200.xml&template=null&launch_data=null http://smcache/content/MATH/sco_preview.html?SCO_ID=.lo/SMMA_LO_01203.xml&template=null&launch_data=null http://smcache/content/MATH/sco_preview.html?SCO_ID=.lo/SMMA_LO_01738.xml&template=null&launch_data=null http://smcache/content/MATH/sco_preview.html?SCO_ID=.lo/SMMA_LO_01204.xml&template=null&launch_data=null http://smcache/content/MATH/sco_preview.html?SCO_ID=.lo/SMMA_LO_01738.xml&template=null&launch_data=null	N	☒				
DAP.17.5.2 - List and explain all possible <i>outcomes</i> in a given situation SM: http://smcache/content/MATH/sco_preview.html?SCO_ID=.lo/SMMA_LO_01204.xml&template=null&launch_data=null http://smcache/content/MATH/sco_preview.html?SCO_ID=.lo/SMMA_LO_01717.xml&template=null&launch_data=null http://smcache/content/MATH/sco_preview.html?SCO_ID=.lo/SMMA_LO_01718.xml&template=null&launch_data=null http://smcache/content/MATH/sco_preview.html?SCO_ID=.lo/SMMA_LO_01737.xml&template=null&launch_data=null http://smcache/content/MATH/sco_preview.html?SCO_ID=.lo/SMMA_LO_01794.xml&template=null&launch_data=null	N	☒				

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NO.1.5.2 - Develop understanding of decimal <i>place value</i> using <i>models</i> SM: http://smcache/content/MATH/sco_preview.html?SCO_ID=.lo/SMMA_LO_00200.xml&template=null&launch_data=null http://smcache/content/MATH/sco_preview.html?SCO_ID=.lo/SMMA_LO_00213.xml&template=null&launch_data=null http://smcache/content/MATH/sco_preview.html?SCO_ID=.lo/SMMA_LO_00215.xml&template=null&launch_data=null http://smcache/content/MATH/sco_preview.html?SCO_ID=.lo/SMMA_LO_00227.xml&template=null&launch_data=null http://smcache/content/MATH/sco_preview.html?SCO_ID=.lo/SMMA_LO_00241.xml&template=null&launch_data=null http://smcache/content/MATH/sco_preview.html?SCO_ID=.lo/SMMA_LO_00242.xml&template=null&launch_data=null http://smcache/content/MATH/sco_preview.html?SCO_ID=.lo/SMMA_LO_01089.xml&template=null&launch_data=null	Y (5.NBT.1-3)		☒			
G.8.5.3 – Model and identify circle, radius, diameter, center, circumference, and chord SM: http://smcache/content/MATH/sco_preview.html?SCO_ID=.lo/SMMA_LO_00633.xml&template=null&launch_data=null http://smcache/content/MATH/sco_preview.html?SCO_ID=.lo/SMMA_LO_00653.xml&template=null&launch_data=null http://smcache/content/MATH/sco_preview.html?SCO_ID=.lo/SMMA_LO_00828.xml&template=null&launch_data=null http://smcache/content/MATH/sco_preview.html?SCO_ID=.lo/SMMA_LO_01779.xml&template=null&launch_data=null http://smcache/content/MATH/sco_preview.html?SCO_ID=.lo/SMMA_LO_01780.xml&template=null&launch_data=null http://smcache/content/MATH/sco_preview.html?SCO_ID=.lo/SMMA_LO_01784.xml&template=null&launch_data=null	N					☒

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NO.1.5.1 - Use <i>models</i> and visual representations to develop the concepts of the following: <u>Fractions:</u> • parts of unit wholes • parts of a collection • locations on number <i>lines</i> • locations on ruler (<i>benchmark fractions</i>) • divisions of whole numbers <u>Ratios:</u> • part-to-part (2 boys to 3 girls) • part-to-whole (2 boys to 5 people) <u>Percents:</u> • part-to-100	Y and N (5.NF.3 includes fractions; must include ratios and percents)				☒	
NO.1.5.6 - Use <i>models</i> to differentiate between <i>perfect squares</i> up to 100 and other numbers	N	☒				
M.13.5.3 - Draw and measure distance to the nearest cm and $\frac{1}{4}$ inch accurately SM: http://smcache/content/MATH/sco_preview.html?SCO_ID=.lo/SMMA_LO_00800.xml&template=null&launch_data=null http://smcache/content/MATH/sco_preview.html?SCO_ID=.lo/SMMA_LO_00822.xml&template=null&launch_data=null http://smcache/content/MATH/sco_preview.html?SCO_ID=.lo/SMMA_LO_01323.xml&template=null&launch_data=null	N	☒				

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Arkansas Frameworks SLE Green - Tested every year Blue - Tested majority of years Red - Science Standard Connection	Taught with Common Core?	Unit 1	Unit 2	Unit 3	Unit 4	Unit 5
M.12.5.1 - Identify and select appropriate units and tools to measure (Ex. angles with degrees, distance with feet) (aligns with M.13.4.7) SM: http://smcache/content/MATH/sco_preview.html?SCO_ID=.lo/SMMA_LO_00636.xml&template=null&launch_data=null http://smcache/content/MATH/sco_preview.html?SCO_ID=.lo/SMMA_LO_00644.xml&template=null&launch_data=null http://smcache/content/MATH/sco_preview.html?SCO_ID=.lo/SMMA_LO_00646.xml&template=null&launch_data=null http://smcache/content/MATH/sco_preview.html?SCO_ID=.lo/SMMA_LO_00787.xml&template=null&launch_data=null http://smcache/content/MATH/sco_preview.html?SCO_ID=.lo/SMMA_LO_00794.xml&template=null&launch_data=null http://smcache/content/MATH/sco_preview.html?SCO_ID=.lo/SMMA_LO_00812.xml&template=null&launch_data=null http://smcache/content/MATH/sco_preview.html?SCO_ID=.lo/SMMA_LO_00822.xml&template=null&launch_data=null http://smcache/content/MATH/sco_preview.html?SCO_ID=.lo/SMMA_LO_01323.xml&template=null&launch_data=null http://smcache/content/MATH/sco_preview.html?SCO_ID=.lo/SMMA_LO_01701.xml&template=null&launch_data=null http://smcache/content/MATH/sco_preview.html?SCO_ID=.lo/SMMA_LO_01702.xml&template=null&launch_data=null http://smcache/content/MATH/sco_preview.html?SCO_ID=.lo/SMMA_LO_01703.xml&template=null&launch_data=null http://smcache/content/MATH/sco_preview.html?SCO_ID=.lo/SMMA_LO_01729.xml&template=null&launch_data=null http://smcache/content/MATH/sco_preview.html?SCO_ID=.lo/SMMA_LO_01864.xml&template=null&launch_data=null http://smcache/content/MATH/sco_preview.html?SCO_ID=.lo/SMMA_LO_01865.xml&template=null&launch_data=null http://smcache/content/MATH/sco_preview.html?SCO_ID=.lo/SMMA_LO_01866.xml&template=null&launch_data=null http://smcache/content/MATH/sco_preview.html?SCO_ID=.lo/SMMA_LO_01867.xml&template=null&launch_data=null http://smcache/content/MATH/sco_preview.html?SCO_ID=.lo/SMMA_LO_01885.xml&template=null&launch_data=null	N					☒
M.13.5.6 – Use benchmark angles (Ex. 45 degrees, 90 degrees, 120 degrees, 180 degrees) to estimate the measure of angles SM: http://smcache/content/MATH/sco_preview.html?SCO_ID=.lo/SMMA_LO_00624.xml&template=null&launch_data=null http://smcache/content/MATH/sco_preview.html?SCO_ID=.lo/SMMA_LO_00657.xml&template=null&launch_data=null	N					☒

5th Grade Highly-Tested SLEs and Common Core Connection

***Yellow shaded SLE's indicate this grade level introduced this content in the Frameworks. ***

Arkansas Frameworks SLE Green - Tested every year Blue - Tested majority of years Red - Science Standard Connection	Taught with Common Core?	Unit 1	Unit 2	Unit 3	Unit 4	Unit 5
NO.3.5.1 - Develop and use a variety of <i>algorithms</i> with <i>computational fluency</i> to perform <i>whole number operations</i> using addition and subtraction (up to 5 <i>digit</i> numbers), multiplication (up to 3-<i>digit</i> x 2 <i>digit</i>), division (up to 2-<i>digit</i> divisor) interpreting remainders, including <i>real world</i> problems SM: http://smcache/content/MATH/sco_preview.html?SCO_ID=.lo/SMMA_LO_00083.xml&template=null&launch_data=null http://smcache/content/MATH/sco_preview.html?SCO_ID=.lo/SMMA_LO_00085.xml&template=null&launch_data=null http://smcache/content/MATH/sco_preview.html?SCO_ID=.lo/SMMA_LO_00089.xml&template=null&launch_data=null http://smcache/content/MATH/sco_preview.html?SCO_ID=.lo/SMMA_LO_00091.xml&template=null&launch_data=null http://smcache/content/MATH/sco_preview.html?SCO_ID=.lo/SMMA_LO_00092.xml&template=null&launch_data=null http://smcache/content/MATH/sco_preview.html?SCO_ID=.lo/SMMA_LO_00095.xml&template=null&launch_data=null http://smcache/content/MATH/sco_preview.html?SCO_ID=.lo/SMMA_LO_00098.xml&template=null&launch_data=null http://smcache/content/MATH/sco_preview.html?SCO_ID=.lo/SMMA_LO_00286.xml&template=null&launch_data=null http://smcache/content/MATH/sco_preview.html?SCO_ID=.lo/SMMA_LO_00288.xml&template=null&launch_data=null http://smcache/content/MATH/sco_preview.html?SCO_ID=.lo/SMMA_LO_00291.xml&template=null&launch_data=null http://smcache/content/MATH/sco_preview.html?SCO_ID=.lo/SMMA_LO_00303.xml&template=null&launch_data=null http://smcache/content/MATH/sco_preview.html?SCO_ID=.lo/SMMA_LO_00297.xml&template=null&launch_data=null http://smcache/content/MATH/sco_preview.html?SCO_ID=.lo/SMMA_LO_00300.xml&template=null&launch_data=null http://smcache/content/MATH/sco_preview.html?SCO_ID=.lo/SMMA_LO_00304.xml&template=null&launch_data=null http://smcache/content/MATH/sco_preview.html?SCO_ID=.lo/SMMA_LO_00872.xml&template=null&launch_data=null http://smcache/content/MATH/sco_preview.html?SCO_ID=.lo/SMMA_LO_00876.xml&template=null&launch_data=null http://smcache/content/MATH/sco_preview.html?SCO_ID=.lo/SMMA_LO_00880.xml&template=null&launch_data=null http://smcache/content/MATH/sco_preview.html?SCO_ID=.lo/SMMA_LO_00882.xml&template=null&launch_data=null http://smcache/content/MATH/sco_preview.html?SCO_ID=.lo/SMMA_LO_00889.xml&template=null&launch_data=null http://smcache/content/MATH/sco_preview.html?SCO_ID=.lo/SMMA_LO_00902.xml&template=null&launch_data=null http://smcache/content/MATH/sco_preview.html?SCO_ID=.lo/SMMA_LO_00905.xml&template=null&launch_data=null http://smcache/content/MATH/sco_preview.html?SCO_ID=.lo/SMMA_LO_01500.xml&template=null&launch_data=null http://smcache/content/MATH/sco_preview.html?SCO_ID=.lo/SMMA_LO_01616.xml&template=null&launch_data=null	N (Fluency Gap)					

5th Grade Highly-Tested SLEs and Common Core Connection

***Yellow shaded SLE's indicate this grade level introduced this content in the Frameworks. ***

Arkansas Frameworks SLE Green - Tested every year Blue - Tested majority of years Red - Science Standard Connection	Taught with Common Core?	Unit 1	Unit 2	Unit 3	Unit 4	Unit 5
NO.3.5.4 - Develop and use <i>strategies</i> to <i>Estimate</i> the results of <i>whole number</i> computations and to judge the reasonableness of such results SM: http://smcache/content/MATH/sco_preview.html?SCO_ID=.lo/SMMA_LO_00231.xml&template=null&launch_data=null http://smcache/content/MATH/sco_preview.html?SCO_ID=.lo/SMMA_LO_00246.xml&template=null&launch_data=null http://smcache/content/MATH/sco_preview.html?SCO_ID=.lo/SMMA_LO_00301.xml&template=null&launch_data=null http://smcache/content/MATH/sco_preview.html?SCO_ID=.lo/SMMA_LO_00912.xml&template=null&launch_data=null http://smcache/content/MATH/sco_preview.html?SCO_ID=.lo/SMMA_LO_01278.xml&template=null&launch_data=null http://smcache/content/MATH/sco_preview.html?SCO_ID=.lo/SMMA_LO_01279.xml&template=null&launch_data=null http://smcache/content/MATH/sco_preview.html?SCO_ID=.lo/SMMA_LO_01603.xml&template=null&launch_data=null http://smcache/content/MATH/sco_preview.html?SCO_ID=.lo/SMMA_LO_01606.xml&template=null&launch_data=null http://smcache/content/MATH/sco_preview.html?SCO_ID=.lo/SMMA_LO_01614.xml&template=null&launch_data=null http://smcache/content/MATH/sco_preview.html?SCO_ID=.lo/SMMA_LO_01620.xml&template=null&launch_data=null http://smcache/content/MATH/sco_preview.html?SCO_ID=.lo/SMMA_LO_01621.xml&template=null&launch_data=null http://smcache/content/MATH/sco_preview.html?SCO_ID=.lo/SMMA_LO_01622.xml&template=null&launch_data=null	N	☒				
A.5.5.3 - Select, write and evaluate <i>algebraic expressions</i> with one <i>variable</i> by substitution (Ex: Evaluate $x+4$ if $x=7$) SM: http://smcache/content/MATH/sco_preview.html?SCO_ID=.lo/SMMA_LO_01622.xml&template=null&launch_data=null http://smcache/content/MATH/sco_preview.html?SCO_ID=.lo/SMMA_LO_01685.xml&template=null&launch_data=null http://smcache/content/MATH/sco_preview.html?SCO_ID=.lo/SMMA_LO_01739.xml&template=null&launch_data=null http://smcache/content/MATH/sco_preview.html?SCO_ID=.lo/SMMA_LO_01740.xml&template=null&launch_data=null	Y and N embedded (5.OA.1, 5.OA.2)			☒		

5th Grade Highly-Tested SLEs and Common Core Connection

***Yellow shaded SLE's indicate this grade level introduced this content in the Frameworks. ***

Arkansas Frameworks SLE Green - Tested every year Blue - Tested majority of years Red - Science Standard Connection	Taught with Common Core?	Unit 1	Unit 2	Unit 3	Unit 4	Unit 5
A.6.5.1 - Draw conclusions and make predictions, with and without appropriate <i>technology</i>, from <i>models</i>, tables and <i>line graphs</i> SM: http://smcache/content/MATH/sco_preview.html?SCO_ID=.lo/SMMA_LO_00152.xml&template=null&launch_data=null http://smcache/content/MATH/sco_preview.html?SCO_ID=.lo/SMMA_LO_00154.xml&template=null&launch_data=null http://smcache/content/MATH/sco_preview.html?SCO_ID=.lo/SMMA_LO_00819.xml&template=null&launch_data=null http://smcache/content/MATH/sco_preview.html?SCO_ID=.lo/SMMA_LO_01314.xml&template=null&launch_data=null http://smcache/content/MATH/sco_preview.html?SCO_ID=.lo/SMMA_LO_01314.xml&template=null&launch_data=null http://smcache/content/MATH/sco_preview.html?SCO_ID=.lo/SMMA_LO_01315.xml&template=null&launch_data=null http://smcache/content/MATH/sco_preview.html?SCO_ID=.lo/SMMA_LO_01331.xml&template=null&launch_data=null http://smcache/content/MATH/sco_preview.html?SCO_ID=.lo/SMMA_LO_01332.xml&template=null&launch_data=null http://smcache/content/MATH/sco_preview.html?SCO_ID=.lo/SMMA_LO_01695.xml&template=null&launch_data=null	Y and N (5.MD.2, 5.G.2)			☒		
A.7.5.1 - Model and describe quantities that change using <i>real</i> world situations (Ex. age and height)	Y and N (5.OA.3)					☒
M.13.5.1 - Solve <i>real</i> world problems involving one <i>elapsed time</i>, counting forward (calendar and clock) SM: http://smcache/content/MATH/sco_preview.html?SCO_ID=.lo/SMMA_LO_00153.xml&template=null&launch_data=null http://smcache/content/MATH/sco_preview.html?SCO_ID=.lo/SMMA_LO_00155.xml&template=null&launch_data=null http://smcache/content/MATH/sco_preview.html?SCO_ID=.lo/SMMA_LO_00162.xml&template=null&launch_data=null http://smcache/content/MATH/sco_preview.html?SCO_ID=.lo/SMMA_LO_00798.xml&template=null&launch_data=null http://smcache/content/MATH/sco_preview.html?SCO_ID=.lo/SMMA_LO_01329.xml&template=null&launch_data=null http://smcache/content/MATH/sco_preview.html?SCO_ID=.lo/SMMA_LO_01613.xml&template=null&launch_data=null http://smcache/content/MATH/sco_preview.html?SCO_ID=.lo/SMMA_LO_01705.xml&template=null&launch_data=null	N	☒				

5th Grade Highly-Tested SLEs and Common Core Connection

***Yellow shaded SLE's indicate this grade level introduced this content in the Frameworks. ***

Arkansas Frameworks SLE Green - Tested every year Blue - Tested majority of years Red - Science Standard Connection	Taught with Common Core?	Unit 1	Unit 2	Unit 3	Unit 4	Unit 5
NO.1.5.5 - Use models of benchmark fractions and their equivalent forms: - to analyze the size of fractions SM: http://smcache/content/MATH/sco_preview.html?SCO_ID=.lo/SMMA_LO_00209.xml&template=null&launch_data=null http://smcache/content/MATH/sco_preview.html?SCO_ID=.lo/SMMA_LO_00432.xml&template=null&launch_data=null http://smcache/content/MATH/sco_preview.html?SCO_ID=.lo/SMMA_LO_00434.xml&template=null&launch_data=null http://smcache/content/MATH/sco_preview.html?SCO_ID=.lo/SMMA_LO_00436.xml&template=null&launch_data=null http://smcache/content/MATH/sco_preview.html?SCO_ID=.lo/SMMA_LO_00437.xml&template=null&launch_data=null http://smcache/content/MATH/sco_preview.html?SCO_ID=.lo/SMMA_LO_00438.xml&template=null&launch_data=null http://smcache/content/MATH/sco_preview.html?SCO_ID=.lo/SMMA_LO_00440.xml&template=null&launch_data=null http://smcache/content/MATH/sco_preview.html?SCO_ID=.lo/SMMA_LO_00451.xml&template=null&launch_data=null http://smcache/content/MATH/sco_preview.html?SCO_ID=.lo/SMMA_LO_00451.xml&template=null&launch_data=null http://smcache/content/MATH/sco_preview.html?SCO_ID=.lo/SMMA_LO_00455.xml&template=null&launch_data=null http://smcache/content/MATH/sco_preview.html?SCO_ID=.lo/SMMA_LO_01793.xml&template=null&launch_data=null - to determine that simplification does not change the value of the fraction SM: http://smcache/content/MATH/sco_preview.html?SCO_ID=.lo/SMMA_LO_00452.xml&template=null&launch_data=null http://smcache/content/MATH/sco_preview.html?SCO_ID=.lo/SMMA_LO_00454.xml&template=null&launch_data=null http://smcache/content/MATH/sco_preview.html?SCO_ID=.lo/SMMA_LO_00455.xml&template=null&launch_data=null http://smcache/content/MATH/sco_preview.html?SCO_ID=.lo/SMMA_LO_00456.xml&template=null&launch_data=null http://smcache/content/MATH/sco_preview.html?SCO_ID=.lo/SMMA_LO_01791.xml&template=null&launch_data=null http://smcache/content/MATH/sco_preview.html?SCO_ID=.lo/SMMA_LO_01793.xml&template=null&launch_data=null - to convert between mixed numbers and improper fractions SM: http://smcache/content/MATH/sco_preview.html?SCO_ID=.lo/SMMA_LO_00446.xml&template=null&launch_data=null http://smcache/content/MATH/sco_preview.html?SCO_ID=.lo/SMMA_LO_00449.xml&template=null&launch_data=null http://smcache/content/MATH/sco_preview.html?SCO_ID=.lo/SMMA_LO_00450.xml&template=null&launch_data=null	Y (5.NF.1-2)					

5th Grade Highly-Tested SLEs and Common Core Connection

***Yellow shaded SLE's indicate this grade level introduced this content in the Frameworks. ***

Arkansas Frameworks SLE Green - Tested every year Blue - Tested majority of years Red - Science Standard Connection	Taught with Common Core?	Unit 1	Unit 2	Unit 3	Unit 4	Unit 5
NO.2.5.5 - Model addition, subtraction, and multiplication of fractions with like and unlike denominators and decimals SM: http://smcache/content/MATH/sco_preview.html?SCO_ID=.lo/SMMA_LO_00450.xml&template=null&launch_data=null http://smcache/content/MATH/sco_preview.html?SCO_ID=.lo/SMMA_LO_00360.xml&template=null&launch_data=null http://smcache/content/MATH/sco_preview.html?SCO_ID=.lo/SMMA_LO_00362.xml&template=null&launch_data=null http://smcache/content/MATH/sco_preview.html?SCO_ID=.lo/SMMA_LO_00371.xml&template=null&launch_data=null http://smcache/content/MATH/sco_preview.html?SCO_ID=.lo/SMMA_LO_00372.xml&template=null&launch_data=null http://smcache/content/MATH/sco_preview.html?SCO_ID=.lo/SMMA_LO_00441.xml&template=null&launch_data=null http://smcache/content/MATH/sco_preview.html?SCO_ID=.lo/SMMA_LO_00442.xml&template=null&launch_data=null http://smcache/content/MATH/sco_preview.html?SCO_ID=.lo/SMMA_LO_00461.xml&template=null&launch_data=null http://smcache/content/MATH/sco_preview.html?SCO_ID=.lo/SMMA_LO_00464.xml&template=null&launch_data=null http://smcache/content/MATH/sco_preview.html?SCO_ID=.lo/SMMA_LO_00466.xml&template=null&launch_data=null http://smcache/content/MATH/sco_preview.html?SCO_ID=.lo/SMMA_LO_00469.xml&template=null&launch_data=null http://smcache/content/MATH/sco_preview.html?SCO_ID=.lo/SMMA_LO_00470.xml&template=null&launch_data=null http://smcache/content/MATH/sco_preview.html?SCO_ID=.lo/SMMA_LO_00470.xml&template=null&launch_data=null	Y (5.NF.1-2)				☒	

5th Grade Highly-Tested SLEs and Common Core Connection

***Yellow shaded SLE's indicate this grade level introduced this content in the Frameworks. ***

Arkansas Frameworks SLE Green - Tested every year Blue - Tested majority of years Red - Science Standard Connection	Taught with Common Core?	Unit 1	Unit 2	Unit 3	Unit 4	Unit 5
NO.3.5.2 – Develop and use <i>algorithms</i>: - to add and subtract numbers containing decimals (up to thousandths place) SM: http://smcache/content/MATH/sco_preview.html?SCO_ID=.lo/SMMA_LO_00159.xml&template=null&launch_data=null http://smcache/content/MATH/sco_preview.html?SCO_ID=.lo/SMMA_LO_00192.xml&template=null&launch_data=null http://smcache/content/MATH/sco_preview.html?SCO_ID=.lo/SMMA_LO_00192.xml&template=null&launch_data=null http://smcache/content/MATH/sco_preview.html?SCO_ID=.lo/SMMA_LO_00193.xml&template=null&launch_data=null http://smcache/content/MATH/sco_preview.html?SCO_ID=.lo/SMMA_LO_00195.xml&template=null&launch_data=null http://smcache/content/MATH/sco_preview.html?SCO_ID=.lo/SMMA_LO_00197.xml&template=null&launch_data=null http://smcache/content/MATH/sco_preview.html?SCO_ID=.lo/SMMA_LO_00198.xml&template=null&launch_data=null http://smcache/content/MATH/sco_preview.html?SCO_ID=.lo/SMMA_LO_00206.xml&template=null&launch_data=null http://smcache/content/MATH/sco_preview.html?SCO_ID=.lo/SMMA_LO_00207.xml&template=null&launch_data=null http://smcache/content/MATH/sco_preview.html?SCO_ID=.lo/SMMA_LO_00210.xml&template=null&launch_data=null - to multiply decimals (hundredths x tenths) SM: http://smcache/content/MATH/sco_preview.html?SCO_ID=.lo/SMMA_LO_00219.xml&template=null&launch_data=null http://smcache/content/MATH/sco_preview.html?SCO_ID=.lo/SMMA_LO_00220.xml&template=null&launch_data=null http://smcache/content/MATH/sco_preview.html?SCO_ID=.lo/SMMA_LO_00223.xml&template=null&launch_data=null http://smcache/content/MATH/sco_preview.html?SCO_ID=.lo/SMMA_LO_00250.xml&template=null&launch_data=null http://smcache/content/MATH/sco_preview.html?SCO_ID=.lo/SMMA_LO_00252.xml&template=null&launch_data=null http://smcache/content/MATH/sco_preview.html?SCO_ID=.lo/SMMA_LO_01602.xml&template=null&launch_data=null - to divide decimals by whole divisors SM: http://smcache/content/MATH/sco_preview.html?SCO_ID=.lo/SMMA_LO_00219.xml&template=null&launch_data=null http://smcache/content/MATH/sco_preview.html?SCO_ID=.lo/SMMA_LO_00219.xml&template=null&launch_data=null http://smcache/content/MATH/sco_preview.html?SCO_ID=.lo/SMMA_LO_00238.xml&template=null&launch_data=null - to add and subtract fractions with like denominators SM: http://smcache/content/MATH/sco_preview.html?SCO_ID=.lo/SMMA_LO_00356.xml&template=null&launch_data=null http://smcache/content/MATH/sco_preview.html?SCO_ID=.lo/SMMA_LO_00360.xml&template=null&launch_data=null	Y (5.NF.1-2, 5.NBT.7)					

5th Grade Highly-Tested SLEs and Common Core Connection

Yellow shaded SLE's indicate this grade level introduced this content in the Frameworks.

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