Second Grade Kansas College & Career Readiness Standards for MATH

Record keeping of implementation:

PINK= WEEKLY (Once or Twice/Week)

BLUE=DAILY (3 or MORE X/Week)

ALL OTHERS=Dates Listed

Operation	s and	Algek	raic T	hinkin	ıg: So	lving	additio	on and	subti	raction	prob	lems													
	Use a	dditio	n and	subtr	actior	with	in 100) to so	lve or	ne- an	d two	-step	proble	ems in	volvin	a situ	ations	of ad	ding t	to, tak	cing fr	om, p	utting	toget	her.
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OA1	represent the problem.																								
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Operation	ons and Algebraic Thinking: Addition and Subtraction up to 20																								
OA2	Fluently add and subtract within 20 using mental strategies. By end of grade 2, know from memory all sums of two one-digit numbers.																								
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Operation	perations and Algebraic Thinking: Multiplication with Equal Groups Determine whether a group of objects (up to 20) has an odd or even number of members (by pairing objects or counting them by 2s; write																								
				_	-	-			_					ber of	mem	bers (by pai	iring c	bject	s or c	ountin	g the	n by 2	2s; wri	te an
OA3	equat	ion to	expr	ess an	even	num	<u>ber as</u>	a sum	of tv	vo equ	ıal ad	<u>dends.</u>													
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	Use addition to find the total number of objects arranged in rectangular arrays with up to 5 rows and up to 5 columns; write an equation to express the total as a sum of equal addends.															to									
OA4	expre	ss the	e tota	as a	sum c	f equ	ıal add	ends.	1			1							1		1				
dates>																									
Geometry	eometry: Reasoning with Shapes																								
	Recognize and draw shapes having specified attributes, such as a given number of angles or a given number of equal faces. Identify triangles,															gles,									
G1	quadr	ilater	als, pe	ntago	ns, he	exago	ns, an	d cube	es.																
dates>																									
G2	Partiti	on a r	ectang	le into	rows	and co	olumns	of sam	ne-size	squar	es and	count	to fin	d the t	otal nu	ımber	of the	m.							
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					_		to two	•	•		•						_						•		
	and d	lescrib	e the	whole	e as tv	vo ha	lves, t	hree t	hirds,	four f	ourth	s. Re	cogniz	e that	t equa	l shar	es of i	identi	cal wh	oles r	need r	ot hav	e the	same	
G3	shape).																							
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Number a	nd Op	eratio	ns in l	Base 1	Ten: F	Place	Value													700					
l				tne tr	iree a	igits (of a th	ıree-aı	git nu	mber	repre	sent a	moun	ts ot n	iunare	eas, te	ens, ar	ia one	es; (ex	(: 706	equa	is / nu	ınarea	is, U t	ens,
NBT1	and 6	ones). '			ı		_				ı	1						ı		1	_			
dates>	l los al su		1100				<u> </u>	المحددها				ماماء	Illarına												
NBT1a	Unde	rstand	1 100	can b	e thou	ignt c	or as a	buna	e or t	en ter	15 - Ca	alled a	nunc	area.											
dates>	Unde	retano	the r	numbe	re 10	0 20	0, 300	1 400	 500	600	700	800	900 1	ofor t	O ODA	two	three	four	five	eiv e	even	eiaht	or nin	A hun	drade
NBT1b						0, 20	0, 500	J, 1 00	, 500	, 000,	, 700,	, 000,	3001	CICI C	o one,	, (140,	unce	, rour	, 1140,	JIA, J	even,	eigirc,	01 11111	Ciluin	ui cus
	(anu	O ten	anu	O OHE	s <i>)</i> .		1	1			1								1	1	1				
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NBT2	Coun	with	in TOC	JU; SKI	p-cou	nt by	[,] 5s, 1	∪s, an	100	is.	l	ı	ı						1	1	I	I			
dates>	<u> </u>		<u></u>				<u> </u>	<u> </u>	<u> </u>	L			L							<u> </u>		ļ			
NBT3	Kead	and w	rite n	umber	rs to	000	using	base-	ten nu	meral	s, nur	nber r	ames	and e	expand	ded fo	rm.							-	
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	Compare two	three-c	liait nu	mhers	hased	on m	eanin	ns of	the h	undre	ds ter	ns and	d ones	digit	s usir	na > =	= and	< 9V	mhols	to re	cord t	he res	sulte
NBT4	of comparison		iigit iid	IIIDCIG	Dasca	011 111	Carini	g5 01	ciic iii	ui iui C	uo, coi	io, and	2 01100	aigic	o, uon	·9 /, -	-, and	· \ 3y		1010	cora	.110 100	Juico
dates>		<u></u>																1					1
	and Operations	in Base	Ten:	Using	Place \	Value	to Ad	d and	Subtr	act													_
	Fluently add a	nd sub	tract w	ithin 1	00 usi	ng st	rategi	es ba	sed o	n plac	e valu	e, pro	perties	s of o	perati	ons, a	ind/or	r the r	elatio	nship	betw	een ac	dition
NBT5	and subtracti	on.																					
dates>																							
NBT6	Add up to for	ır two-c	ligit nu	mbers	using	strate	egies l	oased	on pl	ace v	alue ar	nd pro	pertie	s of o	perat	ions.			-			-	-
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	Add and subt	ract wit	hin 10	00, us	ing cor	ncrete	mod	els or	drawi	ings a	nd str	ategie	s base	ed on	place	value	, prop	erties	of op	peration	ons, a	nd/or	the
	relationship b	etween	additio	n and	subtra	action	; relat	e the	strat	egy to	o a wri	tten r	netho	d. Un	derst	and th	at in	adding	g or s	ubtra	ction t	three-	digits
	numbers, one	adds o	r subtr	acts h	undred	ls fror	n hun	dreds	, tens	from	tens,	ones '	from c	nes;	and so	ometir	nes it	is ne	cessa	ry to	compo	ose or	i
NBT7	decompose to	ens or h	undred	s.																			
dates>																							
NBT8	Mentally add	10 or 1	00 to a	aiven	numb	er 10	0-900	D. and	ment	tallv s	ubtrac	t 10 c	or 100) from	n a giv	en nu	mber	100-9	900.	•	•		-
dates>																							
NBT9	Explain why a	ddition	and sul	otracti	on str	ategie	ow as	k. usi	na pla	ice va	lue an	d the	prope	rties o	of one	ration	 1S.			-	-		
dates>				1		acog.c	70 1101	K, 40.		1		1	p. opc	1 000 0	 	1 40.01	<u></u>	Τ		Т			
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ivieasurei	ment and Data:	Length	is in St	andard	i units																		
ivieasurei	ment and Data:	Length	is in St	andard	l units																		
	Measure the I					cting a	and us	sing a	pprop	riate	tools s	such a	s ruler	s, yar	dstick	cs, me	ter st	icks,	and m	neasur	ing ta	pes.	
	Measure the I	ength o	f an ob	ject b	y selec																		
MD1	Measure the I	ength o	f an ob	ject b	y selec	ising l	ength	units															
MD1	Measure the I	ength o	f an ob	ject b	y selec	ising l	ength	units															
MD1 dates>	Measure the I	ength o	f an ob	ject b	y selec	ising l	ength	units															
MD1 dates>	Measure the I	ength o	f an ob f an ob to the	ject b ject tv size c	y selection wice, upof the u	ising l unit c	ength hosen	units	of di	 fferen	t leng												
MD1 dates>	Measure the I	ength o	f an ob f an ob to the	ject b ject tv size c	y selection wice, upof the u	ising l unit c	ength hosen	units	of di	 fferen	t leng												
MD1 dates> MD2 MD3	Measure the I	ength o	f an ob f an ob to the	ject b ject tv size c	y selection wice, upof the u	ising l unit c	ength hosen	units	of di	 fferen	t leng												
MD1 dates> MD2 MD3	Measure the I	ength of the control	f an ob f an ob to the	eject b	y selection wice, upof the upof the upof the upof thes, for the upof thes, for the upof the u	using I unit c eet, c	ength hosen entim	units eters	of di	fferen	t leng	ths fo	r two	differ	ent m	easur	ement	ts; de	scribe	how	the tw	vo	
MD1 dates> MD2 MD3 dates>	Measure the I Measure the I measurement Estimate leng	ength of the control	f an ob f an ob to the	eject b	y selection wice, upof the upof the upof the upof thes, for the upof thes, for the upof the u	using I unit c eet, c	ength hosen entim	units eters	of di	fferen	t leng	ths fo	r two	differ	ent m	easur	ement	ts; de	scribe	how	the tw	vo	
MD1 dates> MD2 MD3 dates> MD4 dates>	Measure the I Measure the I measurement Estimate leng Measure to de	ength of serious related this using the control of	f an ob	oject b	y selection wice, up of the up onger ting Letting Letting	eet, c	ength hosen entim	eters	and ano	meter	t leng	ths fo	r two	difference of the difference o	ent m	easure	term	ts; des	stand	how	the tv	vo unit.	
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MD1 dates> MD2 MD3 dates> MD4 dates> Measurei	Measure the I Measure the I measurement Estimate leng Measure to de	ength of selection of the using the using the control of the contr	f an ob	oject b	y selection wice, up of the up onger onger ting Len 100	eet, c	ength hosen entim bject	eters	and ano	meter ther,	expres	ths fo	r two	difference of the difference o	ent m	easure nce in	term	ts; des	stand	how	the tv	vo unit.	uch as
MD1 dates> MD2 MD3 dates> MD4 dates> Measures MD5	Measure the I Measure the I measurement Estimate leng Measure to de ment and Data: Use addition a drawing of ru	ength of selection and subjects are subjects and subjects are subjects and subjects and subjects and subjects are subjects and subjects are subjects and subjects are subjects and subjects	f an obtained and structured by and Stractioned equations	pject by size of incommuch leads within tions we have been within the contract of the contract	y selection y sele	eet, c	ength hosen entim bject solve we	eters	and ano	meter ther,	expressions of the	ssing t	r two	difference of the position of	ent m	nce in in the	terms	s of a	stand	dard le	the tw	unit.	1
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Measuren	nent a	nd Da	ta: Tin	ne and	Mone	<i></i> 9y																			
MD7	Tell and write time from analog and digital clocks to the nearest five minutes, using a.m. and p.m.																								
dates>																									
	Solve word problems involving dollar bills, quarters, dimes, nickels, and pennies, using \$ and c symbols appropriately. (ex: If you have 2 dimes															imes									
MD8	and 3 pennies, how many cents do you have?)																								
Measuren	nent a	nd Da	ta: Wo	rking	with L	ata																			
						_		_	_			-						_	_	repe			remer	its of	the
MD9	same	objec	t. Sho	w the	meas	surem	ent by	/ maki	ng a li	ine plo	ot, wh	ere th	e hori	zonta	l scale	is ma	rked	off in	whole	-numb	er un	its.			
dates>																									
	Draw	a pict	ure g	raph a	nd a k	oar gra	aph (w	vith sii	ngle-u	nit sc	ale) to	repr	esent	a data	a set v	with u	p to f	our ca	tegor	ies. Sc	olve si	mple _l	out-to	gethe	r,
MD10	take-	apart,	and c	compa	re pro	blems	using	infor	matio	n pres	sented	l in a l	oar gr	aph.											