Buitding Number Sense!

I CAN WORK WITH NUMBERS

within

20 and 100

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

I CAN SOLVE JOIN WORD PROBLEMS WITHIN 20 AND 100. I CAN FIND THE UNKNOWN IN ALL PLACES. I CAN USE OBJECTS, DRAWINGS AND EQUATIONS TO REPRESENT THE PROBLEM. 20 + = 43 1	problems within 20 and 100. I can find the unknown in all places. I CAN USE objects, drawings and equations to represent the problem. 45 - 21 = 24	I CAN SOLVE putting together problems within 20 and 100. I can find the unknown in all places. I CAN USE OBJECTS, DRAWINGS AND EQUATIONS TO REPRESENT THE PROBLEM.
I can solve compare word problems within 20 and 100. I can find the unknown in all places. I can use objects, orawings and equations to represent the problem.	I CAN SOLVE 2 STEP PROBLEMS. SUE HAD 5 MARBLES. Maria had 3 more than she did. HOW MANY DID THEY HAVE ALTOGETHER?	I CAN TELL whether a group of objects within 20 is ODD or EVEN.
T CAN ADD WITHIN 20 USING DIFFERENT STRATEGIES. My fluency is within 20. COUNTING ON making tendecomposing a number	I CAN SUBTRACT within 20 using different strategies. MY FLUENCY IS WITHIN 20. Counting back, bridging 10, breaking apart a number	Jean use ADDITION to find THE TOTAL NUMBER OF OBJECTS IN AN ARRAY WITH UP TO 5 ROWS AND 5 COLUMNS.
I CAN WRITE an equation to express the total of an array as a sum of equal addends. 4 + 4 + 4 + 4 + 4 = 16		

I KNOW PLACE VALUE.

I GAN



SUBTRACT

NUMBERS WITHIN

1000

1

UNDERSTAND

3

DIGIT NUMBERS.

321

457

888

I CAN COMPOSE AND DECOMPOSE 3 DIGIT NUMBERS IN DIFFERENT WAYS.

300 + 20 + 1 = 321

321

3 hundreds, 2 tens, 1 one

CAN count within 1000.

998,999,1000



SKIP COUNT

bу

5s, **10s** and **100s**.

 $5^{10}_{15}^{20}_{25}^{30}_{35}^{40}_{45}^{50}_{55}^{60}_{65}^{70}_{75}^{80}_{85}^{90}_{95}^{100}_{100}_{200}^{300}_{400}^{400}_{500}^{500}_{600}^{700}_{800}^{800}_{900}^{900}_{1000}$

I can READ AND WRITE

NUMBERS WITHIN 1,000

USING BASE TEN
NUMERALS, NUMBER
NAMES AND EXPANDED
FORM.



T CAN COMPARE
TWO 3 DIGIT
NUMBERS WITH
THE SYMBOLS
>. =. AND <.

347 < 578

I can

FLUENTLY add NUMBERS WITHIN 100 WITH STRATEGIES.

25 + 77 = 20 + 70 + 12 = 102

I can fluently subtract

NUMBERS WITHIN 100 WITH STRATEGIES.

100 - 49 = 99 - 48 = 51

I CAN add up to 4 two-digit numbers using strategies.

25 + 35 + 12 + 32 = 60 + 44 = 104

of can add WITHIN

1000 using strategies, concrete models, drawings, properties, AND THE RELATIONSHIP BETWEEN ADDITION AND SUBTRACTION.

535 + 199 = 534 + 200 = 734

I CAN SUBTRACT WITHIN 1000

using strategies, concrete models, drawings, properties, and THE RELATIONSHIP BETWEEN ADDITION AND SUBTRACTION.

501 - 447 = 499 - 445 = 54

I CAN MENTALLY

ADD 10 or 100 to a given number 100-900.

100 + 387 = 48710 + 387 = 397

I CAN SOLVE WORD T can solve WORD PROBLEMS ICAN PROBLEMS involving MENTALLY SUBTRACT QUARTERS, DIMES, 10 OR 100 TO A INVOLVING LENGTHS using NICKELS AND PENNIES equations with a symbol for the **GIVEN NUMBER** WITHIN 99 CENTS. unknown on the number lines. 100-900-598 - 100 = 498**598 - 10 = 588**





CAN WÖRK WITH NUMBERS WITHIN 20 AND 100

25 + 37 = ?



GREAT MATH WORK,



CAN SÖLVE JÖIN WÖRD PRÖBLEMS WITHIN 20 AND 100

20 + 23 = 43





CAN SÖLVE TAKE FRÖM PRÖBLEMS WITHIN 20 AND 100

45 - 21 = 24



GREAT MATH WORK,



CAN SÖLVE PUTTING TÖGETHER PRÖBLEMS WITHIN 20 AND 100

20 I5





CAN SÖLVE CÖMPARE WÖRD PRÖBLEMS WITHIN 20 AND 100

TWENTY THREE IS LESS THAN TWENTY SIX.





GREAT MATH WORK,



CAN SÖLVE 2 STEP PRÖBLEMS

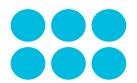






CAN TELL WHETHER A GRÖUP ÖF ÖBJECTS WITHIN 20 IS ÖDD ÖR EVEN







GREAT MATH WORK,



CAN ADD WITHIN 20 USING DIFFERENT STRATEGIES

DÖUBLES

BRIDGE 10

OUUBLES PLUS

MAKE 10





CAN SUBTRACT WITHIN 20 USING DIFFERENT STRATEGIES

Half facts

Count back

BRIDGE 10

AND MORE.



GREAT MATH WORK,



CAN USE ADDITION TO FIND THE TOTAL NUMBER OF OBJECTS IN AN ARRAY WITH UP TO 5 ROWS AND 5 COLUMNS





CAN WRITE AN EQUATION TO EXPRESS THE TOTAL OF AN ARRAY AS A SUM OF EQUAL ADDENDS

4 + 4 + 4 + 4 = 16



GREAT MATH WORK,



CAN UNDERSTAND 3 DIGIT NUMBERS

321

888

457





CAN CÖMPÖSE AND DECÖMPÖSE 3 DIGIT NUMBERS IN DIFFERENT WAYS

300 + 20 + 1 = 321



GREAT MATH WORK,



CAN COUNT WITHIN 1000

998, 999, 1000





CAN SKIP CÖUNT BY 55, 105 AND 1005

 5^{10} 10 20 30 40 50 60 60 70 80 90 100 100 200 300 400 500 600 700 800 900 1000



GREAT MATH WORK,



CAN READ AND WRITE NUMBERS WITHIN 1000 USING BASE TEN NUMERALS, NUMBER NAMES AND EXPANDED FÖRM.

3	3 0 0	





CAN COMPARE TWO 3 DIGIT NUMBERS WITH THE SYMBOLS

<, = AND >

457 < 578





CAN FYUENTYY ADD NUMBERS WITHIN 100 WITH STRATEGIES

25 + 77 = 20 + 70 + 12 = 102



GREAT MATH WORK,



CAN FYUENTYY SUBTRACT NUMBERS WITHIN 100 WITH STRATEGIES

100 - 49 = 99 - 48 = 51





CAN ADD UP TÖ 4 TWÖ-DIGIT NUMBERS
USING STRATEGIES

$$25 + 35 + 12 + 32 = 60 + 44 = 104$$



GREAT MATH WORK,



CAN ADD WITHIN 1000 USING STRATEGIES, CÖNCRETE MÖDELS, DRAWINGS, PRÖPERTIES, AND THE RELATIONSHIP BETWEEN ADDITION AND SUBTRACTION

535 + 199 = 534 + 200 = 734





CAN SUBTRACT WITHIN 1000 USING STRATEGIES.
CÖNCRETE MÖDELS AND THE RELATIONSHIP
BETWEEN ADDITION AND SUBTRACTION

501 - 447 = 499 - 445 = 54



GREAT MATH WORK,



CAN MENTATTY ADD 10 öR 100 Tö A GIVEN NUMBER

> 100 + 387 = 48710 + 387 = 397





CAN MENTATTY SUBTRACT 10 ÖR 100 TÖ A GIVEN NUMBER 100-900

598 - 100 = 498

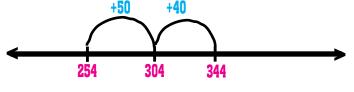
598 - 10 = 588



GREAT MATH WORK,



CAN SÖLVE WÖRD PRÖBLEMS INVÖLVING LENGTHS USING EQUATIONS WITH A SYMBÖL FÖR THE UNKNÖWN ÖN THE NUMBER LINES







CAN SÖLVE WÖRD PRÖBLEM INVÖLVING QUARTERS, DIMES, AND PENNIES WITHIN 99 CENTS











GREAT MATH WORK,



CAN ADD AND SUBTRACT NUMBERS
WITHIN 1000

500 - 350 = ?

i can work

with numbers within 20 and 100

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

TAN SOLVE join word problems WITHIN 20 AND 100.

I CAN FIND the unknown in all places.

I can use objects, drawings and equations to represent the problem.

20 + = 43

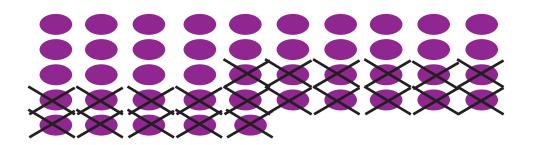
									_
1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

I CAN SOLVE TAKE FROM PROBLEMS WITHIN 20 AND 100.

I CAN FIND THE UNKNOWN IN ALL PLACES. CAN USE OBJECTS,

drawings and equations to represent the problem.

45 - 21 = 24



I can solve

putting together problems within 20 and 100.

I can find the unknown in all places.

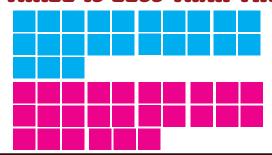
I can use objects, drawings and equations to represent the problem.



I Can solve compare word problems within 20 and 100. I can find the unknöwn in all places.

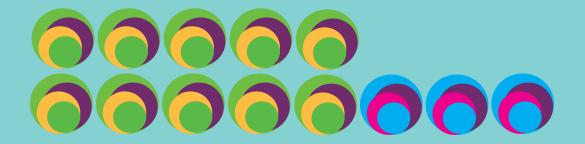
I CAN USE objects, drawings and equations to represent the problem.

TWENTY THREE IS LESS THAN TWENTY SIX.



I CAN SOLVE 2 STEP PROBLEMS

SUE HAD 5 MARBLES Maria had 3 more than she did. How many did they have altogether?

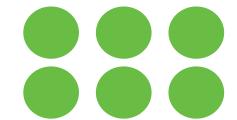


I CAN TELL

whether a group of objects within 20 is







Cah add
within 20 using different
strategies.
My fluency is within 20.

Counting on... making ten... decomposing a number

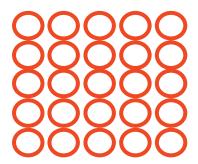
l can subtract

WITHIN 20 USING DIFFERENT STRATEGIES.

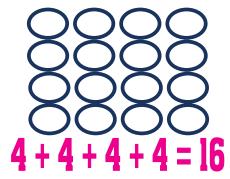
MY FLUENCY IS WITHIN 20.
COUNTING BACK,
BRIDGING 10, BREAKING
APART A NUMBER

can use

addition to find the total number of objects in an array with up to 5 rows and 5 columns.



I CAN WRITE AN EQUATION
TO EXPRESS THE TOTAL OF
AN ARRAY AS A SUM OF
EQUAL ADDENDS.



UNDERSTAND 3 DIGIT NUMBERS

321

888

457

I CAN COMPOSE AND DECOMPOSE 3 DIGIT NUMBERS IN DIFFERENT WAYS.

300 + 20 + 1 = 321

158

3 hundreds. 2 tens. 1 one

Count within

998, 999, 1000

i can skip count Ss. 10s and 100s.

10 20 30 40 50 60 70 80 90 100 5 15 25 35 45 55 65 75 85 95

200 400 600 800 1000 100 300 500 700 900

I CAN READ AND WRITE

numbers within 1,000 using base ten numerals, number names and expanded form.

300

I CAN COMPARE

two 3 digit numbers with

THE SYMBOLS

A HAD

347 < 578

CAN

fluently add numbers within 100 with strategies.

$$125 + 77 = 20 + 70 + 12 = 102$$

i Can

FLUEHTLY SUBTRACT

numbers within 100 with strategies.

100 - 49 = 99 - 48 = 51

I CAN ADD UP TO 4 THO-DIGIT NUMBERS USING STRATEGIES

25 + 35 + 12 + 32 = 60 + 44 = 104

I CAN ADD within

1000 using strategies, concrete models, drawings, properties, and the relationship between addition and subtraction.

535 + 199 = 534 + 200 = 734

I can subtract within 1000
using strategies, concrete
models, drawings, properties, and
the relationship between
addition and subtraction

501 - 447 = 499 - 445 = 54

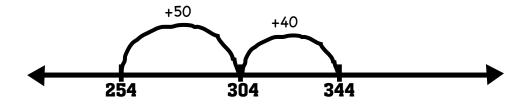
I can mentally add 10 or 100 to a given number 100-900

100 + 387 = 487 10 + 387 = 397 CAH
HENTALLY SUBTRACT
TO OR TOO TO A
GIVEN NUNGER
TOO-700.

598 - 100 = 498 598 - 10 = 588

I CAN SOLVE

word problems involving lengths using equations with a symbol for the unknown on the number lines.



I CAN SOLVE WORD
PROBLEMS INVOLVING
QUARTERS, DIMES, NICKELS
AND PENNIES WITHIN SO
CENTS.









CAR WORK with numbers within 20 and 100

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

THIN 20 AND 100.

I CAN FIND the unknown in all places.

I can use objects, drawings and equations to represent the problem.

20 + = 43

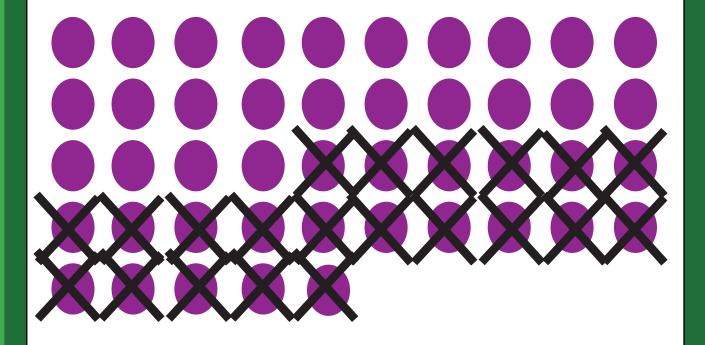
1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

O GAN SOLVE TAKE FROM PROBLEMS WITHIN 20 AND 100:

I can find the unknown in all places.

I CAN USE OBJECTS,

drawings and equations to represent the problem.

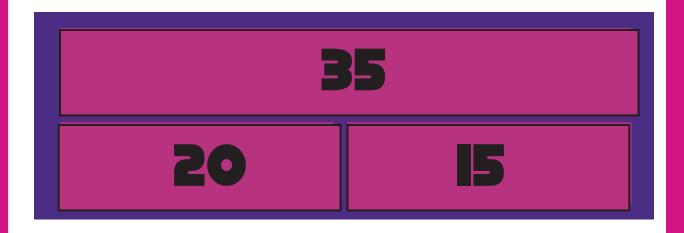


I can solve

putting together problems within 20 and 100.

I can find the unknown in all places.

I can use objects, drawings and equations to represent the problem.

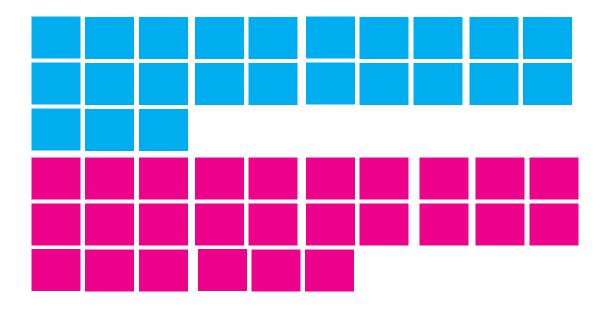


I CAN SOLVE COMPARE WORD PROBLEMS WITHIN 20 AND 100.

I can find the unknöwn in all places.

I CAN USE objects, drawings and equations to represent the problem.

TWENTY THREE IS LESS THAN TWENTY SIX.

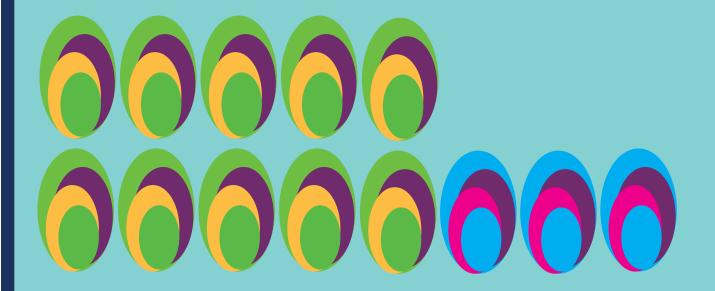


I CAN SOLVE 2 STEP PROBLEMS

SUE HAD 5 MARBLES

Maria had 3 more than she did.

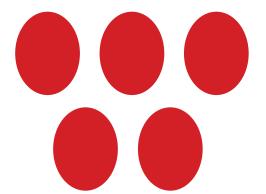
How many did they have
altogether?

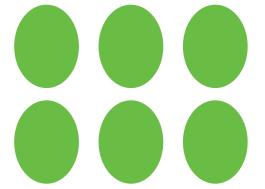


I CAN TELL

whether a group of objects within 20 is

ODD or EVEN.





can ada within 20 using different strategies. My fluency is within 20. Counting on... making ten... decomposing a number.

CAH SUBTRACT WITHIN 20 USING DIFFERENT STRATEGIES.

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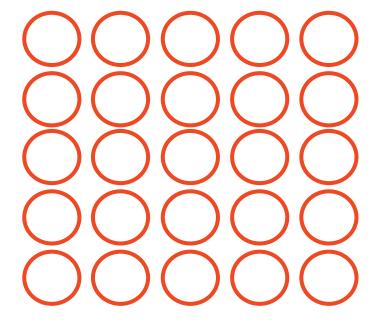
COUNTING BACK,

BRIDGING 10, BREAKING

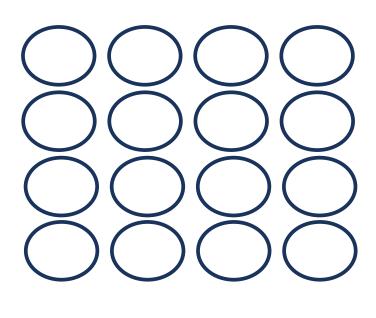
APART A NUMBER

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I CAN WRITE AN EQUATION TO EXPRESS THE TOTAL OF AN ARRAY AS A SUM OF EQUAL ADDENOS.



4 + 4 + 4 + 4 = 16

UNDERSTAND
3
DIGIT NUMBERS

I CAN COMPOSE AND DECOMPOSE 3 DIGIT NUMBERS IN DIFFERENT WAYS.

300 + 20 + 1 = 321

321

3 hundreds, 2 tens, 1 one

998, 999, 1000

SKIP COUNT SS. 105 AND 1005.

10 20 30 40 50 60 70 80 90 100 5 15 25 35 45 55 65 75 85 95

200 400 600 800 1000 100 300 500 700 900

I CAN READ AND WRITE

numbers within 1,000 using base ten numerals, number names and expanded form.

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I CAN COMPARE

two 3 digit numbers with THE SYMBOLS

3. E. AND (...

CAN

fluently add numbers within 100 with strategies.

CAN

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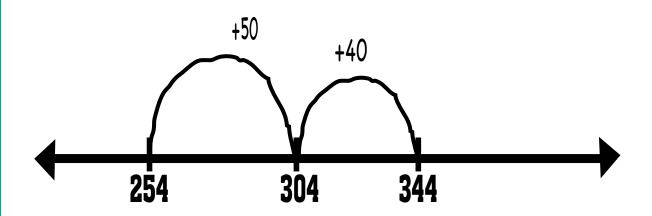
10 + 387 = 397

CON WENTALLY SUBTRACT TO OR TOO TO A GUEN KUNGER NAM-9AN

> 598 - 100 = 498 598 - 10 = 588

I CAN SOLVE

word problems involving lengths using equations with a symbol for the unknown on the number lines.



I CAN SOLVE WORD PROBLEMS INVOLVING QUARTERS, DIMES, MCKELS AND PERMES WITHIN SE CENTS.









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About the Dr. Nicki Newton

Dr. Nicki Newton is an education consultant who works with schools and districts around the country and Canada on k-8 math curriculum. She has taught elementary school, middle school, and graduate school. Dr Nicki has an Ed.M. and an Ed.D from Teachers, College Columbia University. She is greatly interested in teaching and learning practices around the world and has researched education in Denmark, Guatemala and India. She has written several books, including being a part of the curriculum team for the new McGraw Hill Reveal Math series. She is currently working on a book about counting.

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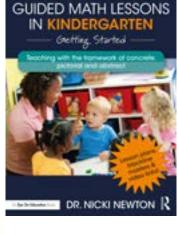


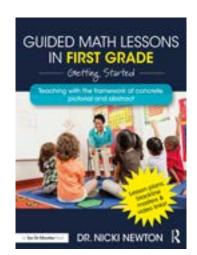


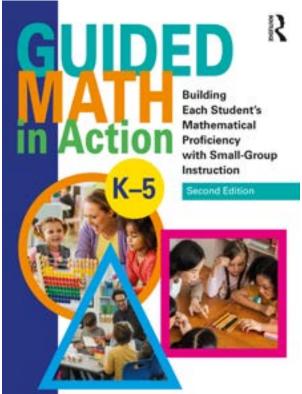


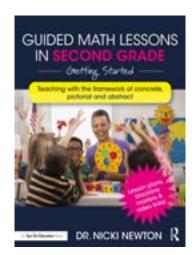
Check out the new Guided Math New Resources

Pr. Nicki will POP into any book study group!
Contact her at drnicki7@gmail.com





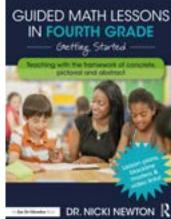


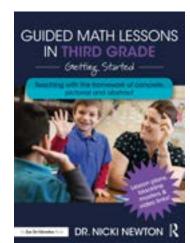




An Eye On Education Scok

DR. NICKI NEWTON

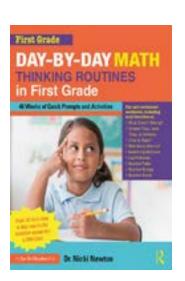


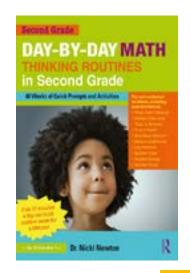


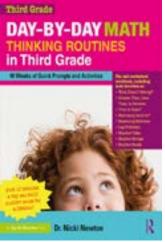
Jump Start Your Daily Routines!

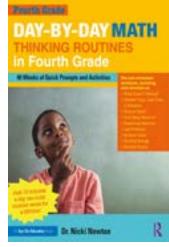


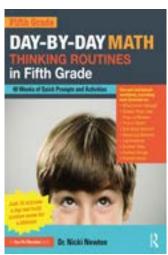






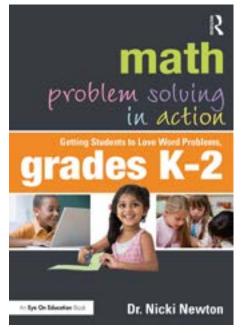






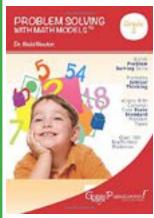
Jump Start Your Problem Solving!

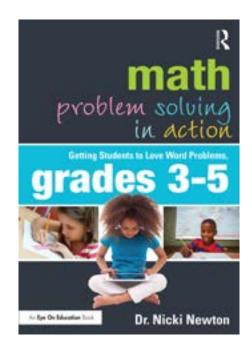


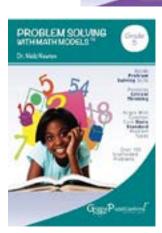


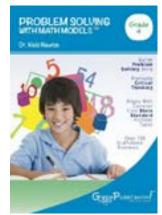


ROBLEM SOLVING

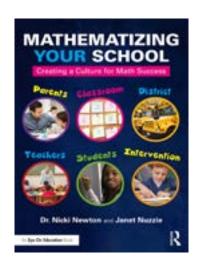


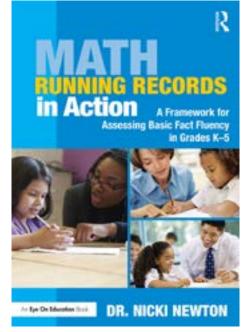


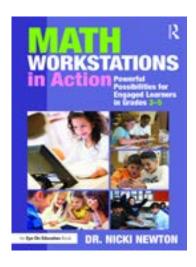


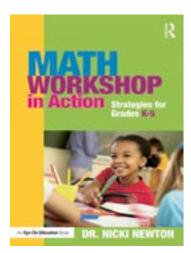


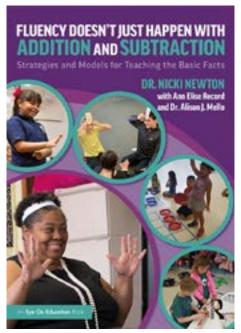
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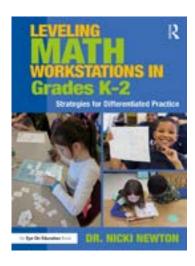


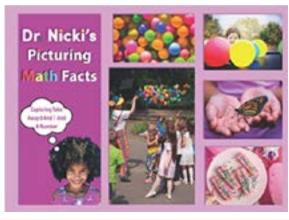














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