

COUNTING AND CARDINALITY 006 - 248

KNOW NUMBER NAMES AND COUNT SEQUENCE

COUNT TO TELL THE NUMBER OF OBJECTS

COMPARE NUMBERS

OPERATIONS AND ALGEBRAIC THINKING 249 - 335

UNDERSTANDING ADDITION AS PUTTING TOGETHER AND ADDING TO, AND UNDERSTAND SUBTRACTION AS TAKING APART AND TAKING FROM

NUMBER AND OPERATIONS IN BASE TEN 336 - 374

WORK WITH NUMBERS 1-10 TO GAIN FOUNDATIONS FOR PLACE VALUE

MEASUREMENT AND DATA 375 - 475

DESCRIBE AND COMPARE MEASURABLE ATTRIBUTES

CLASSIFY OBJECTS AND COUNT THE NUMBER OF OBJECTS IN EACH CATEGORY

GEOMETRY 476 - 584

IDENTIFY AND DESCRIBE SHAPES (SQUARES, CIRCLES, TRIANGLES, RECTANGLES, HEXAGONS, CUBES, CONES, CYLINDERS, AND SPHERES)

ANALYZE, COMPARE, CREATE AND COMPOSE SHAPES

ADDITIONAL RESOURCES 586 - 637

IDENTIFY ORDINAL NUMBERS

RECOGNIZE, IDENTIFY AND EXTEND PATTERNS

IDENTIFY COINS

USER LICENSE 638



COUNTING AND CARDINALITY

KNOW NUMBER NAMES AND THE COUNT SEQUENCE

K.CC.A.1

Count to 100 by ones and by tens.

NUMBER PUZZLES	006
LITERATURE LINK: ANNO'S COUNTING BOOK.....	021
COUNTING CARDS (SET 1)	022
COUNT BY TENS TO 100.....	031
COUNT BY TENS.....	035

K.CC.A.2

Count forward beginning from a given number within the known sequence (instead of having to begin at 1).

COUNTING CARDS (SET 2)	039
COUNT ON CUP	046
SHOW ONE MORE	049
SHOW TWO MORE	053
CROSS THE DECADE	057
MISSING NUMBER GAME.....	063
NEARBY NUMBERS (V.1)	065
NEARBY NUMBERS (V.2)	069
NEARBY NUMBERS (V.3)	073

K.CC.A.3

Write numbers from 0 to 20. Represent a number of objects with a written numeral 0-20 (with 0 representing a count of no objects).

PATTERN BLOCK COUNT	077
MY COUNTING BOOK	084
WRITING NUMERALS (1-10)	090
HANDWRITING (1-9).....	100
WRITING NUMERALS (11-20).....	103
MISSING NUMBERS (1-10)	113
MISSING NUMBERS (1-20)	120
RACE TO TRACE (1-6)	127
RACE TO TRACE (2-12)	128
RACE TO TRACE (11-22)	129
RACE TO THE TOP (1-6)	133
RACE TO THE TOP (2-12)	137
SHOW IT THREE WAYS (V.1).....	140
SHOW IT THREE WAYS (V.2).....	142

COUNT TO TELL THE NUMBER OF OBJECTS

K.CC.B.4

Understand the relationship between numbers and quantities; connect counting to cardinality.

- A. When counting objects, say the number names in the standard order, pairing each object with one and only one number name and each number name with one and only one object.
- B. Understand that the last number name said tells the number of objects counted. The number of objects is the same regardless of their arrangement or the order in which they are counted.
- C. Understand that each successive number name refers to a quantity that is one larger.

COLUMN COUNT	144
NUMBER PATH TOWERS	149
BUILD FIVE TOWER	152
PLAYDOUGH NUMBERS	153
ORDERING NUMERALS.....	159
NUMBER JIGSAWS	160
ROLL AND FILL	163
FIVE FRAME MATCH.....	165
FIVE FRAME FLASH	167
FIVE FRAME NUMERAL MATCH	169
FIVE FRAME CONCENTRATION	171
TEN FRAME NUMERAL MATCH	174
TEN FRAME FLASH.....	176
TEN FRAME DICE MATCH.....	180
ROLL AND COVER (1-10)	181
ROLL AND COVER (1-20)	188
FILL THE FRAME (1-10)	194
FILL THE FRAMES (1-20)	197

K.CC.B.5

Count to answer “How many?” questions about as many as 20 things arranged in a line, a rectangular array, or a circle, or as many as 10 things in a scattered configuration; given a number from 1-20, count out that many objects.

0-10 NUMERAL, WORD, PICTURE CARDS.....	200
COUNTING JIGSAWS 0-25	208
COUNTING CUP	221
DOMINO JIGSAWS.....	223
DOMINO MATCH	226
LITERATURE LINK: 10 BLACK DOTS	227
LITERATURE LINK: THE VERY HUNGRY CATERPILLAR.....	229
LITERATURE LINK: THE ENORMOUS POTATO.....	230
LITERATURE LINK: ROOSTER’S OFF TO SEE THE WORLD	231

CLASSIFY OBJECTS AND COUNT THE NUMBER OF
OBJECTS IN EACH CATEGORY

K.CC.C.6

Identify whether the number of objects in one group is greater than,
less than, or equal to the number of objects in another group.

MAKING SETS (V.1)	232
MAKING SETS (V.2)	234
MAKING SETS (V.3)	236
WHO HAS MORE?	238
WHO HAS LESS?	240

K.CC.C.7

Compare two numbers between 1 and 10 presented as
written numerals.

GREATER THAN	242
LESS THAN	244
MY SECRET NUMBER	245

OPERATIONS AND ALGEBRAIC THINKING

UNDERSTAND ADDITION AS PUTTING TOGETHER
AND ADDING TO, AND UNDERSTAND SUBTRACTION
AS TAKING APART AND TAKING FROM

K.OA.A.1

Represent addition and subtraction with objects, fingers, mental images, drawings, sounds (e.g., claps) acting out situations, verbal explanations, expressions, or equations.

SHOW ONE LESS.....	249
ADDITION PLATE	252
BEARS IN THE CAVE	253
TOWERS OF FIVE	254
MAKE FIVE ON THE FIVE FRAME (V.1)	255
MAKE FIVE ON THE FIVE FRAME (V.2)	256
TEN FRAME ADDITION.....	258
LITERATURE LINK: FISH EYES.....	260

K.OA.A.2

Solve addition and subtraction word problems, and add and subtract within 10 (e.g., by using objects or drawings to represent the problem).

WORD PROBLEMS (WITHIN 10)

ADD TO - RESULT UNKNOWN.....	262
TAKE FROM - RESULT UNKNOWN	267
PUT TOGETHER / TAKE APART	
TOTAL UNKNOWN	272
BOTH ADDENDS UNKNOWN	277

K.OA.A.3

Decompose numbers less than or equal to 10 into pairs in more than one way, e.g. by using objects or drawings, and record each decomposition by a drawing or equation (e.g. $5 = 2 + 3$ and $5 = 4 + 1$).

ADDITION BAG	282
PART WHOLE MAT.....	283
SHAKE 5 AND SPILL	285
FIVE SQUARES	287
HIDE THE CUBES.....	289
5 GINGERBREAD MEN	291
5 LITTLE DUCKS	295
10 ORANGES.....	299
DOT CARD ADDITION	303
DOMINO ADDITION	305

K.OA.A.4

For any number from 1 to 9, find the number that makes 10 when added to the given number, e.g., by using objects or drawings, and record the answer with a drawing or equation.

TOWERS OF 10	307
MAKE 10.....	309
MAKE 10 ON THE TEN FRAME (V.1)	311
MAKE 10 ON THE TEN FRAME (V.2)	312
MAKING APPLE TEN PACKS.....	313
SUMS OF TEN	314
LITERATURE LINK: MOUSE COUNT.....	317
LITERATURE LINK: TEN FLASHING FIREFLIES	320

K. OA. A. 5

Fluently add and subtract within five.

FAST FIVE.....	323
MAKE FIVE.....	324
SUMS OF FIVE	326
PLUS ONE.....	329
MINUS ONE	332

NUMBERS AND OPERATIONS IN BASE TEN

WORK WITH NUMBERS 1-10 TO GAIN FOUNDATIONS FOR PLACE VALUE

K. NBT. A. 1

Compose and decompose numbers from 11 to 19 into ten ones and some further ones, e.g., by using objects or drawings, and record each composition by a drawing or equation (e.g. $18=10+8$); understand that these numbers are composed of ten ones and one, two, three, four, five, six, seven, eight, or nine ones.

TEEN COUNTING CUP	336
TEN FRAME TEENS	339
TEN ONES AND MORE ONES (V.1)	341
TEN ONES AND MORE ONES (V.2)	343
DECOMPOSING TEEN NUMBERS	345
TEEN MATCH	347
TEENS ON THE REKENREK.....	352
TEEN PUZZLES	355
MY TEENS ON THE TEN FRAME BOOK (V.1)	358
MY TEENS ON THE TEN FRAME BOOK (V.2)	364
GUESS MY TEEN NUMBER	370
WHAT NUMBERS ARE MISSING?	372

MEASUREMENT AND DATA

DESCRIBE AND COMPARE MEASURABLE ATTRIBUTES

K.MD.A.1

Describe measurable attributes of objects, such as length or weight.
Describe several measurable attributes of one object.

USING A BALANCE SCALE.....	375
MEASUREMENT SENTENCE FRAMES:	
SET 1 - COMPARING LENGTHS	377
SET 2 - COMPARING WEIGHT	385
CONCEPT BOOKS -	
WHAT IS HEAVY?	391
WHAT IS LIGHT?	395
WHAT IS SHORT?	399
WHAT IS LONG?	403
WHAT IS TALL?	407

K.MD.A.2

Directly compare two objects with a measurable attribute in common, to see which object has “more of/less of” the attribute, and describe the differences.

IS IT LONGER?	411
IS IT SHORTER?	413
SHORTER OR LONGER?	415
COMPARING TOWERS (V.1)	418
COMPARING TOWERS (V.2)	420
WHICH IS HEAVIER? (V.1)	422
WHICH IS HEAVIER? (V.2)	424
WHICH WEIGHS MORE?	426
WHICH IS LONGER?	428

CLASSIFY OBJECTS AND COUNT THE NUMBER OF OBJECTS IN EACH CATEGORY

K.MD.B.3

Classify objects into given categories; count the number in each category and sort the categories by count. (Limit category counts to be less than or equal to 10).

SORT AND COUNT.....	430
WHICH HAS MORE (V.1)	436
WHICH HAS MORE (V.2)	439
WHICH HAS MORE (V.3)	441
WHICH HAS MORE (V.4)	444
2D SHAPE SORT (V.1)	448
2D SHAPE SORT (V.2)	454
SORTING ATTRIBUTE BLOCKS	462
BUTTON SORT	464
SOLID SHAPE SORT	466

GEOMETRY

IDENTIFY AND DESCRIBE SHAPES (SQUARES, CIRCLES, TRIANGLES, RECTANGLES, HEXAGONS, CUBES, CONES, CYLINDERS, AND SPHERES)

K.G.A.1

Describe objects in the environment using names of shapes, and describe the relative positions of these objects using terms such as above, below, beside, in front of, behind, and next to.

PATTERN BLOCK BARRIER GAME.....	476
LITERATURE LINK: THE SHAPE OF THINGS.....	482
LITERATURE LINK: CHANGES, CHANGES.....	484

K.G.A.2

Correctly names shapes regardless of their orientations or overall size.

WHAT'S IN THE BAG?	485
GEOMETRY SENTENCE FRAMES:	
SET 2 - NAMING 2D SHAPES	488
WHAT SHAPE IS IT?	494
"IT'S NOT JUST A ..."	498
SHAPE ROBOT BOOK TEMPLATE	514

K.G.A.3

Identify shapes as two-dimensional (lying in a plane, "flat") or three-dimensional ("solid").

GEOMETRY SENTENCE FRAMES:

SET 3 - FLAT AND SOLID SHAPES	518
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ANALYZE, COMPARE CREATE AND COMPOSE SHAPES

K.G.B.4

Analyze and compare two-and three-dimensional shapes, in different sizes and orientations, using informal language to describe their similarities, differences, parts (e.g., number of sides and vertices/corners) and other attributes (e.g., having sides of equal length).

SHAPES, SHAPES, SHAPES BOOK TEMPLATE	524
GEOMETRY SENTENCE FRAMES	
SET 1 - DESCRIBING 2D SHAPES	528
PATTERN BLOCK SORT	538
ROLL, SLIDE, STACK	543
MY 3D SHAPES BOOK (V.1)	549
MY 3D SHAPES BOOK (V.2)	553
MY 3D SHAPES BOOK (V.3)	557

K.G.B.5

Model shapes in the world by building shapes from components (e.g. sticks and clay balls) and drawing shapes.

SHAPES ON THE GEOBOARD	561
PLAYDOUGH SHAPES.....	563
BUILDING 3D SHAPES.....	569
MAKING SHAPES FROM STICKS.....	571

K.G.B.6

Compose simple shapes to form larger shapes. For example, “Can you join these two triangles with full sides touching to make a rectangle?”

MAKE A HEXAGON	576
BUILD A BLOCK.....	577
BUILDING SHAPES FROM SHAPES	578
PATTERN BLOCK ANIMALS	583
LITERATURE LINK: MOUSE SHAPES	584

ADDITIONAL RESOURCES

Identify ordinal numbers first through tenth in a line of objects

WHERE IS THE GREEN CAR?	586
BEARS LINE UP (v. 1)	590
BEARS LINE UP (v. 2)	593
ORDINAL NUMBERS HIDE AND SEEK (v. 1)	597
ORDINAL NUMBERS HIDE AND SEEK (v. 2)	599

Recognize, identify, and extend simple patterns

SHAPE PATTERNS.....	602
COMPLETE THE PATTERN	607
MAKE A PATTERN.....	612
COIN PATTERNS.....	614

Identify coins by name and value

PENNY CUP.....	617
DIME STACK.....	619
COIN PUZZLES.....	621
COIN SORT.....	628
COIN BUMP	632

Name in sequence days of week

DAYS OF THE WEEK	635
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