

TIPS FOR MAPPING MATH

At times the content outline may feel “vague”...with less description or information than you feel you need to give an accurate score. Do the best that you can, knowing that every line of content will be clarified as you move forward through the process to look at standards and skills. Make note of the line number you are concerned about. If you take something on, only to find that it isn’t what you originally thought it was, you will have many opportunities to revise your score.

If you do not teach something, do not score it a 1,2, or 3. For ex. Your students may learn measuring volume, but do not score it as your own if it is taught by Mr.Smith during science class.

You are working through a massive list of instructional content. Do not get hung up on “0’s” and “4’s” – invest your energy in scoring content that was actually in your curriculum. Take frequent, 5-minute breaks and use the line numbers on the outline of math outline headings below to jump between sections:

MATH TOPICS AND LINE NUMBERS (also continued on back)

10-NUMBERS AND OPERATIONS

20-WHOLE NUMBERS

30-Concept of a whole number

50-Identify whole numbers

180-Count by whole numbers

600-Represent whole numbers

890-Sequence whole numbers

1000-Compare whole numbers

1080-Round whole numbers

1140-Apply properties of whole numbers

1170-Add whole numbers (page 11)

1550-Add, mental math (page 15)

1790-Subtract whole numbers (page 17)

2110-Subtract, mental math (page 20)

2330-Multiply whole numbers (page 22)

2680-Multiply, mental math (page 25)

3190-Divide whole numbers (page 30)

3610-Divide, mental math (page 34)

4030-Simplify Expressions using order of operations

4210-DECIMALS

6030-FRACTIONS

7116-RATIONAL NUMBERS

7140-RATIO AND PROPORTIONS

7330-PERCENTAGES

7720-NEGATIVE NUMBERS

8310-IRRATIONAL NUMBERS

8331-MATRICES



WRITING TOPICS AND LINE NUMBERS, continued

8590-COMPLEX NUMBERS

8710-ROMAN NUMERALS

8825-GEOMETRY AND MEASUREMENT

8825-LINES and ANGLES

9150-TWO-DIMENSIONAL SHAPES

10050-THREE-DIMENSIONAL SHAPES

10620- SPATIAL RELATIONSHIPS

10700-MEASUREMENT

12950-COORDINATE GEOMETRY

13606-GRAPH THEORY

13160-THEOREMS OR RELATIONSHIPS

13395-TRIGONOMETRY

13555-COORDINATE GRAPH

13606-GRAPH THEORY

13620-FUNCTIONS AND ALGEBRA

13620-CONCEPTS

13670-OPERATIONS WITH FUNCTIONS

13760-REPRESENT INVERSE FUNCTION

13840-REPRESENT DOMAIN AND RANGE

13910-REPRESENT VARIABLES

14120-PATTERNS AND SEQUENCES

14650-VARIABLES AND SUBSTITUTION

14740-CONCEPT OF EQUALITY OR EQUIVALENCE

14820-CONIC SECTIONS

14980-EXPONENTS AND RADICALS

15360-LOGARITHMIC EQUATIONS

15581-ALGEBRAIC EXPRESSIONS

15880-LINEAR FUNCTIONS

16570-INEQUALITIES

16820-POLYNOMIALS

17340-PIECE-WISE FUNCTIONS

17422-ABSOLUTE VALUE FUNCTIONS

17430-QUADRATIC FUNCTIONS

17920-ALGEBRAIC FRACTIONS

18040-RATIONAL FUNCTIONS

18190-TRIGONOMETRY

18540-CALCULUS

19980-DATA, STATISTICS & PROBABILITY

19980-COLLECT DATA

20040-REPRESENT DATA

20110-SELECT APPROPRIATE FORMAT

20410-ANALYZE DATA AND MAKE CONCLUSIONS

20840-STATISTICS

21420-PROBABILITY