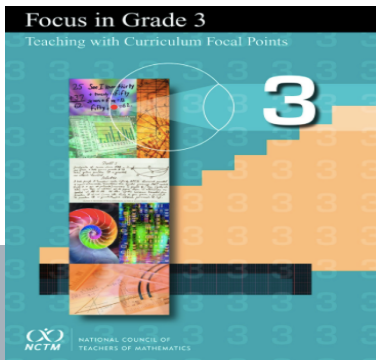
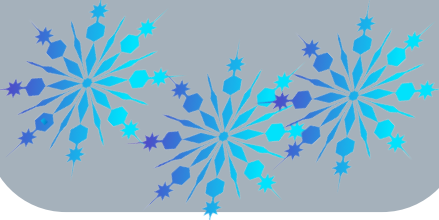


MATH EMPOWERS³



NCTM eBook

Attached is an excerpt from the eBook "Focus in Grade 3: Teaching with Curriculum Focal Points" By Jane Schielack. This book is part of a grade level series and discusses three focal points of instruction in Grade 3, one of which is "Multiplication and Division." Considering this topic is a major part of our curriculum and often we question how we should deliver the content to our students, I found the excerpt insightful and helpful. For example "interpreting a multiplication fact such as 3×5 and interpreting arrays using rows and columns" is discussed.



Think Central Resources

Go Math! Teacher Resource book, G3

This resource book includes black line masters for you to print and share. In addition to the usual suspects (hundreds grids, place value charts) there are also LOTS of number lines, including fraction number lines, blank tally/frequency tables, bar graphs, pictographs and more!

Page TR118 offers a Word Definition Map, which provides an opportunity for students to critically analyze a math vocabulary word. More word description templates can be found on pages TR119 and TR120 and the math vocabulary cards begin on page TR122.

Looking for MORE vocabulary resources? Check out:

Go Math! TG for Developing Math Vocabulary G3-6

Eric Milou shared this multiplication table resource...

Multiplication Table

(Drawing is to scale...)

| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
|----|----|----|----|----|----|----|----|----|----|-----|
| 1 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| 2 | 2 | 4 | 6 | 8 | 10 | 12 | 14 | 16 | 18 | 20 |
| 3 | 3 | 6 | 9 | 12 | 15 | 18 | 21 | 24 | 27 | 30 |
| 4 | 4 | 8 | 12 | 16 | 20 | 24 | 28 | 32 | 36 | 40 |
| 5 | 5 | 10 | 15 | 20 | 25 | 30 | 35 | 40 | 45 | 50 |
| 6 | 6 | 12 | 18 | 24 | 30 | 36 | 42 | 48 | 54 | 60 |
| 7 | 7 | 14 | 21 | 28 | 35 | 42 | 49 | 56 | 63 | 70 |
| 8 | 8 | 16 | 24 | 32 | 40 | 48 | 56 | 64 | 72 | 80 |
| 9 | 9 | 18 | 27 | 36 | 45 | 54 | 63 | 72 | 81 | 90 |
| 10 | 10 | 20 | 30 | 40 | 50 | 60 | 70 | 80 | 90 | 100 |

Attached you will find black/white and color versions, with or without the numbers. What a cool resource to help students make the multiplication fact-array connection!

Websites worth trying
for FREE!



<http://www.mobymax.com>



<http://www.tenmarks.com>