

SLO #5: Practical ideas and suggestions to meet this goal
Mathematical Thinkers who: Apply mathematical principles and operations to solve problems. Practical ideas and suggestion to meet this goal:

1. Business math techniques such as balancing a checkbook
2. Calculate sport score (probability)
3. Carpentry
4. Cooking (measurement), painting (area), shopping (using a budget, counting change)
5. Create problem solving situations in everyday events- "When it is 1:30, let me know; we need to leave for piano at that time. How much time do we have to get ready?" Use this \$10 to find a birthday gift for your friend."
6. Cross curriculum activities (writing out steps)
7. Games with counting, money, shapes, problem solving, card games, dice for counting, Cash Flow Game Great America Math Day
8. Lawrence Hall Science: logic activities
9. Life skills math: baking, cooking, measuring, sewing, construction
10. Listening to Baroque music
11. Marine World Math and Science Day
12. Math classes at learning center
13. Playing at musical instrument
14. Shop at stores (weighing items, compare unit price, etc.)
15. Solve computational problems using M&Ms, licorice, Unifix blocks, number lines
16. Use Write Start AI Abacus
17. Use white boards to allow students to use all modalities when tackling a problem- visual, auditory, and kinesthetic
18. Use plenty of manipulative (French blocks)
19. Use a calculator.
20. Use real money/coins; practice making change on a cash register.
21. When using word problems, teach students to identify words giving clues about the operation(s) needed to solve the problem, having them highlight those words in the text.

Curriculum Suggestions:

1. Algebra Help: Webmath.com
2. Basic Algebra students: Pathways Algebra by Pacemaker, and Keys to Algebra which aligns with standards.
3. Chalkdust has math videos
4. Computer CD: Math Deviance
5. [Edhelper](#)
6. EPGY math
7. Equate board game

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8. ESs warn that CPM Math (used in some schools) is not easy to use
9. Excel
10. Family Math
11. Glencoe
12. Hands on Math
13. Hands-on Algebra
14. Harcourt Brace
15. Holt CD series and homework help online
16. Houghton Mifflin
17. Key to Algebra –for Basics
18. Kumon Math- Tutoring Centers in Modesto and Bay Area
19. Learning Wrap-ups
20. Mad Minute (K-8)
21. Math Devil - from Borders
22. Math It (drill game)
23. Math Their Way
24. Math U See
25. Memory Joggers
26. Merced homework hotline (through Merced School District)
27. Miquon Math
28. Modern Curriculum Press has good workbook style math
29. Odysseyware computer program from Pathways
30. Pathway Publishing (Math on CD)
31. Pig Out On Math / Materials for Math Maniacs
32. Quarterhorse Math CD Rom
33. Real Life Math problems
34. Real Math and other life skills based math texts
35. Rich Dad, Poor Dat (personal finance/economic)
36. Saxon-Has online placement tests to determine level.
37. Silver, Burdett
38. Singapore Math (Note that Japan is a year ahead of US in math)
39. Spectrum Math for remedial/practice
40. Standard Deviant has math videos-(Borders)
41. [Video Text Interactive](#) for Algebra and Geometry (Takes daily commitment, but program is good)

Suggested Excellent Math Websites:

1. [Illuminations](#)
2. [The Math Forum](#)
3. [SHODOR](#)
4. [Worksheet Factory](#)