MATH MENTORING

Demystifying math

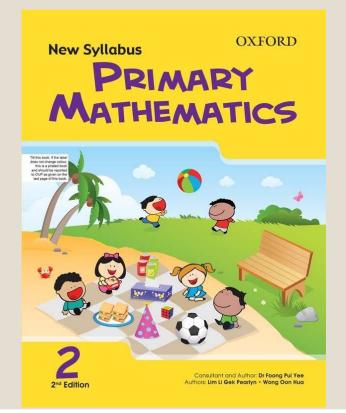
My Math Journey

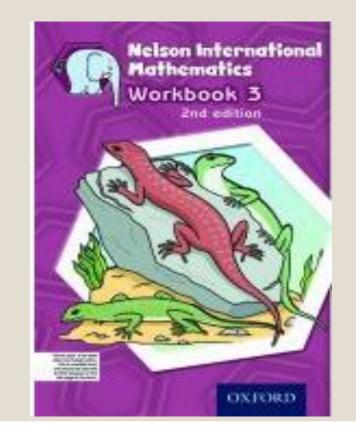
As a student As a mother

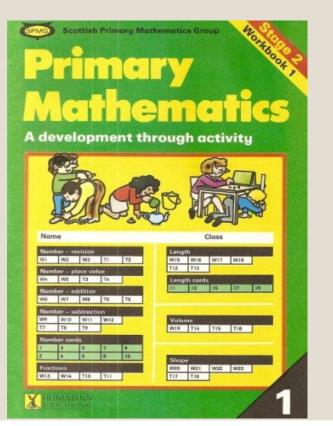


Which book to follow?

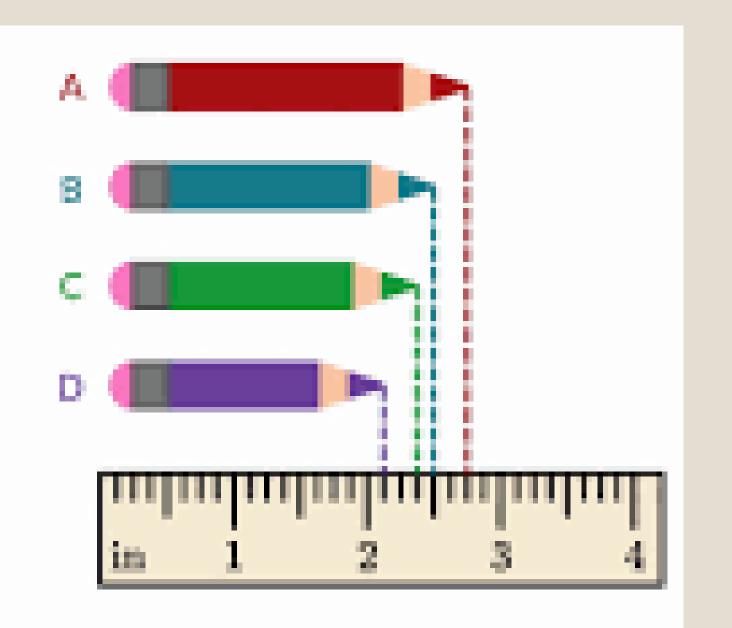
A book is only as good as the teacher teaching it.













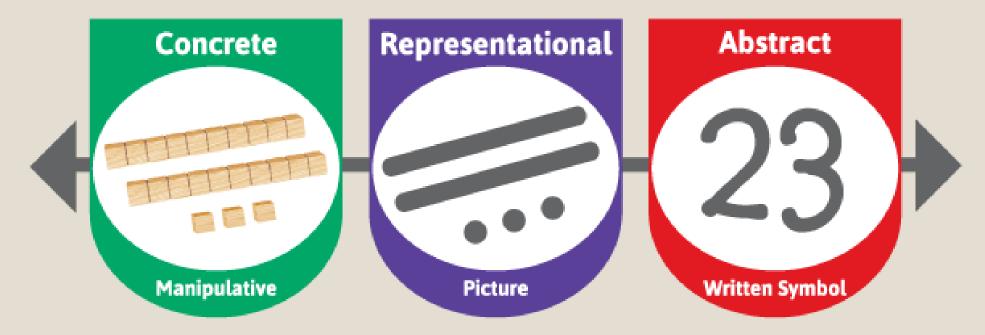






The CRA Model for Math

CRA Instruction Model

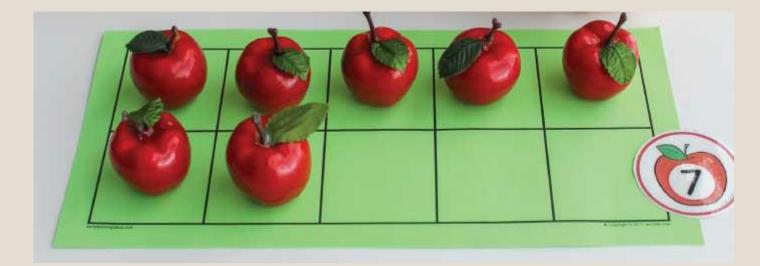




Concrete Math

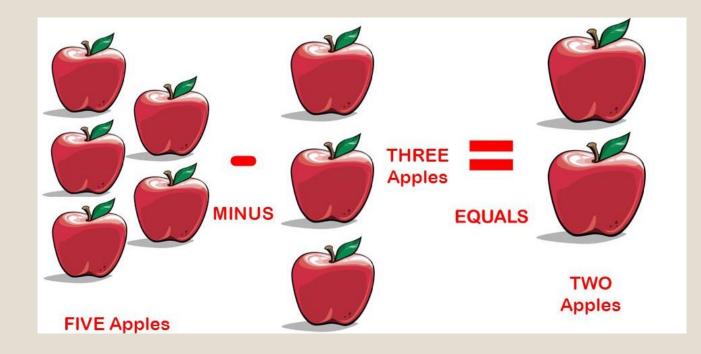


2 + 2 + 4



5 + 2 = 7

Representational Math

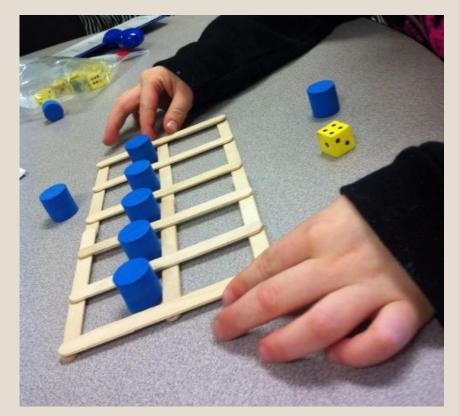


Abstract Math

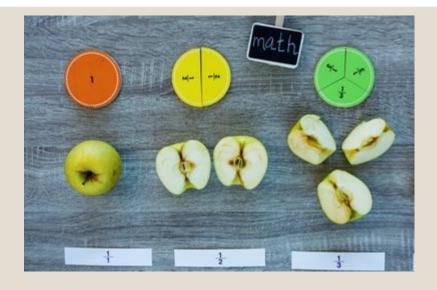
5 - 3 = 25 + 2 = 7

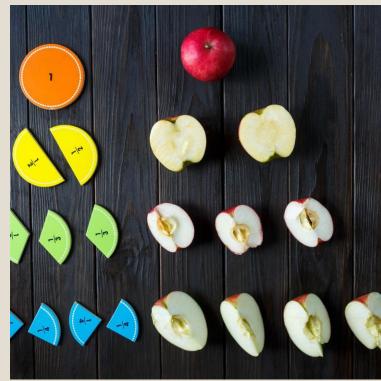
Tens and Beyond Tens

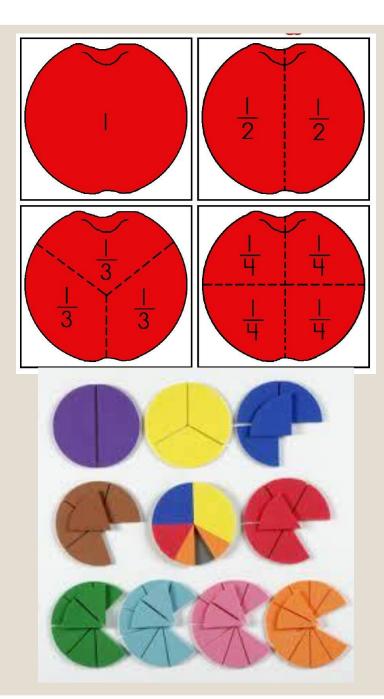












 $\frac{1}{2} + \frac{1}{2} = 1$

 $\frac{1}{4} + \frac{1}{4} = \frac{1}{2}$

1/5 + 1/3 = 8/15

8/15 > 1/2

Teach ------ in a fun way Teach ------ to grade --



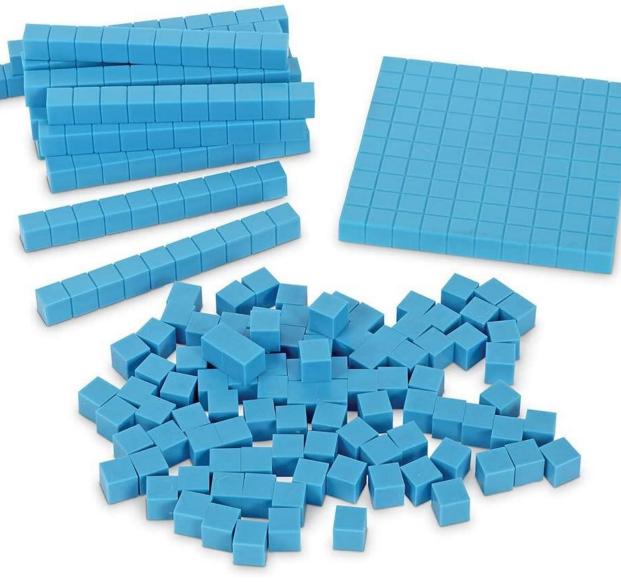
Manipulatives



Base ten blocks

DIY

Lego Free printables



Place value disks

Bottles caps, spray paint,

10 100 1,000 10,000

markers

DIY

1,000 000'000'1 1.000 onic 0 00 000'001 000'000 000' 0 00 100,000 1000 100 C 000'00 10,000 10.00r 10,000 000' 1,000 8 000'1 1.000,000 00,000 1.000

Learning clock

DIY

Any old wall clock



Fraction circles

DIY

Foamic sheets Cardboard Play-doh



Cuisenaire rods

Wood rods spray paints

DIY



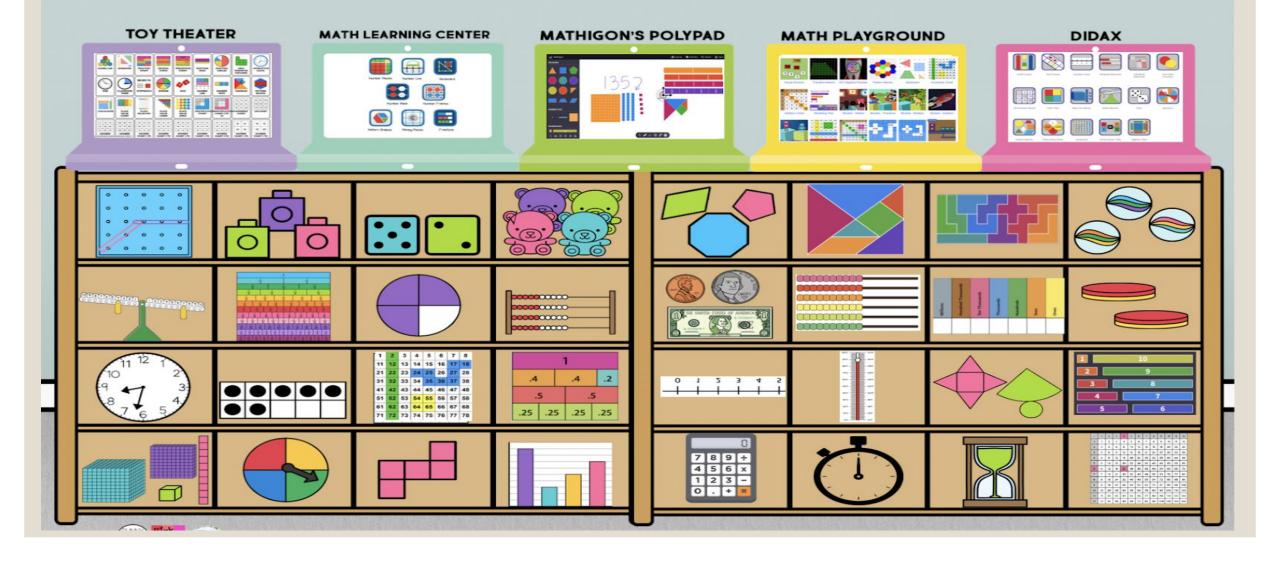
Algebra tiles

DIY

Cardboard



Virtual Math Manipulatives



Take help from

Dua External praise