

Math Strategies & Vocabulary Video Tutorials

Please Note that YouTube Videos
are **BLOCKED** at school for students.

Partners of

Partners of the Number 6 is demonstrated in this video that uses the Math Mountain strategy as a visual. "Partners of" simply means all the different ways to you can add to get to a certain number. See all the ways you can add to "6" in this video.

<http://www.youtube.com/watch?v=opEYBV1bF-o>

Math Mountains

Two short demonstrations of one way students use Math Mountains to solve problems

<http://www.youtube.com/watch?v=ii3oTRi2dCg>

<http://www.youtube.com/watch?v=OjOKs8h9dsU>

This video demonstrates how students can use "Math Mountains" in addition and subtraction. It focuses on using Math Mountains to find an unknown partner of a given number. Also covers how Math Mountains can be used with word/story problems.

<http://www.youtube.com/watch?v=Tz4DGCcJec8>

Counting On

This 11 minute video is focused at teachers; HOWEVER, the first 2 minutes is a good overview of what the "Count On" strategy is and how students can use it to solve problems.

<http://www.youtube.com/watch?v=MhiThStiM2g>

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Make a Ten Strategy

An addition or subtraction strategy which children count to ten and add or subtract. The first two videos demonstrates how children will first use this strategy and the last video demonstrates how they will use it with larger numbers.

ADDITON : http://www.youtube.com/watch?v=h3_j3inpaYU

SUBTRACTION : <http://www.youtube.com/watch?v=n3fY7DbyEUo>

<http://www.youtube.com/watch?v=GeTgdXNNCFY>

Doubles (Mental Math) Strategies

Doubles is a strategy for addition and subtraction. This include Doubles +1, Doubles +2 and Doubles -1 or Doubles -2.

DOUBLES : <http://www.youtube.com/watch?v=QtRErbEMD5o>

DOUBLES +1 : <http://www.youtube.com/watch?v=E0hhO4DPgh4>

<http://www.youtube.com/watch?v=Dq7NtBObAPY>

Doubles +1 & Doubles -1 : [http://www.youtube.com/watch?](http://www.youtube.com/watch?v=elj4aup0wJk)

[v=elj4aup0wJk](http://www.youtube.com/watch?v=elj4aup0wJk)

Show All Totals Method

A strategy to help students with multi-digit addition problems. In the Show Subtotals method, the hundreds, tens, and ones are added separately and then the three subtotals are added to get the final sum.

<http://www.youtube.com/watch?v=rmlQaGhikcY>

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New Groups Above Method

The New Groups Above method is the method most commonly taught multi-digit addition strategy taught in U.S. schools.

<http://www.schooltube.com/video/88df1512fc0e6851f7ad/New%20Groups%20Above%20Method>

New Groups Below Method

The New Groups Below method is identical to New Groups Above, except the 1s indicating the new groups are written under the addends.

<https://www.schooltube.com/video/36ad83e7c1d9852de9f4/New%20Groups%20Below%20Method>