

Supporting Number Sense

Class: _____ Lesson no. _____ Date: _____ Time: _____

Vocabulary/language (review, new)

Modelled math fluency

(using 100's /1000's chart as visual: counting/patterns, forward/backward, on/back, before/after)

Games Play either:

O's & X's (automaticity: number & symbol ID, place value, doubles, + or - 10 etc.)

Guess the Number (comparing: > greater than, < less than)

Big number / little number (expanded notation & place value)

Concepts and Strategies (review, new, practice)

Journal page

Talk back

Notes:

Supporting Number Sense

Class: Y3

Lesson no. 16

Date: 20.6.07

Time: 12.30-1.00

Vocabulary/language (review, new)

Review: digit: any of the Arabic figures of 1 through 9 and 0

New Voc word: numeral: expressing or noting a number

Modelled math fluency

(using 100's /1000's chart as visual: counting/patterns, forward/backward, on/back, before/after)

1. *Review counting by 10's off decade, across century, forward then backward*
2. *Discuss pattern and changes when counting by 100's: 100, 200, 300..... & 65, 165, 265....*

Games

O's & X's (automaticity: number & symbol ID, place value, doubles, + or - 10 etc.)

1. $+ - < > 21, 46, 100, 96$
- 2.

Guess the Number (comparing: $>$ greater than, $<$ less than) 800-1000

642

Big number / little number (642) example: 600

(how many smaller number can be found in the big number)

| |
|-----|
| 640 |
| 602 |
| 40 |
| 42 |
| 2 |

Concepts and Strategies (review, new, practice)

1. *Review mental addition & subtraction using the jump strategy, fingers as markers for 10's and 1's if needed: $59 + 36$ & $74 - 25$*
2. Split Strategy : lesson 2
 - *recall why this strategy is called the 'split' strategy*
 - *Introduce process when 1's add up to more than 10:*

$$\begin{aligned}47 + 28 &= 40 + 7 + 20 + 8 \\ &= 60 + 15 \\ &= 60 + 10 + 5 \\ &= 70 + 5 \\ &= 75\end{aligned}$$

Journal page - (differentiated work pages)

Record 'split' strategy using:

Groups 1 & 2: a variety of 2 digit + 2 digit, ones to add up to more than 10

Group 3: 3 digit+ 2 digit, ones to add up to more than 10

Talk back

Few students to share journal pages

Notes