

Connecting the Dots Between Number Sense and Computational Fluency

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The role of subitizing, composing, and decomposing with efficiency, flexibility and fluency in the primary classroom

Bead abacus construction

Connecting between the abacus and other models

Craft stick bundle games

- Pick three war
- Find the sum or difference
- Role of ten's partners

The role of estimation, the commutative and associative properties in addition and subtraction

$37 + 58 =$



$27 + 15 + 23$

- The range of reasonableness

Adding compatibles

1	2	3	3
4	3	1	1
2	0	2	1
2	1	2	4

4	6	1	1	3	8
3	7	6	5	2	2
5	4	2	5	4	1
2	6	2	3	4	8
3	8	2	6	8	2
2	1	7	1	4	6

Pick a Pair

How did you find them?

9 15 4 18 6 8

Pick a pair of numbers from above...

- 1) With a sum less than 20.
- 2) With a difference of 10.
- 3) With a difference of 5
- 4) With a sum of 10.
- 5) With a sum more than 20.

Thoughts, questions, concerns

Thank you for coming to the session!