

Number Sense: The Key to Higher Mathematical Thinking

What you will receive:

- A resource manual of over 100 pages that shows teachers how to develop number sense and make students more successful in *all* areas of mathematics.
- Eight separate activities that translate into weeks of classroom work complete with lesson plans, activity masters, homework masters, transparency masters, assessment ideas, journal prompts, teaching strategies, and ideas for extensions.
- Critical findings of research that help teachers understand how number sense is developed and how to foster good mathematical reasoning skills in their students.
- Creative ways to practice skills while keeping students motivated and engaged.
- Strategies for developing mental computation, estimation, and improved proficiency with operations on whole numbers, fractions, decimals, and integers.
- New ways to solve problems that will allow students to see arithmetic in new ways. Students will even learn how to multiply 99×99 in their heads!
- Ways to incorporate number sense into all mathematics lessons.

What other teachers have said about this workshop:

"Today was well worth the hours. I learned new ways of offering my students opportunities to play with numbers. I'm sure these methods will engage even my reluctant math students."

Beth Huebner, 6th grade teacher

"Super! Thanks! I believe all my students can feel successful with these activities:

S. Walter, 9th grade teacher

"Very user-friendly—especially for the non-math specialist"

Bob Tanner, K-12 alternative education

"Wonderful ideas that are readily incorporated into my classroom."

Dawn Burhars, 7th grade teacher

"I believe this material will help greatly in bridging the gaps in teaching a higher degree of thinking to lower-level students. Now I understand how to teach concepts to all of my struggling students."

Howie Brodmerkle, middle school teacher