Beyond the Bubble: Years 4–5: How to Use Multiple-Choice Tests to Improve Maths Instruction

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Summary

Multiple-choice testing is an educational reality. Rather than complain about the negative impact these tests may have on teaching and learning, why not use them to better understand your students' true mathematical knowledge and comprehension? Maryann Wickett and Eunice Hendrix-Martin show teachers how to move beyond the student's answer - right or wrong - to uncover understanding and/or misconceptions. By asking a few simple follow-up questions, teachers can learn a great deal about student understanding and make better, more informed instructional decisions.

Beyond the Bubble for Years 4-5 is divided into five strands - number, measurement, algebra, geometry and probability - with six problems per strand. Each problem includes an overview of the objective of the test questions, a sample question typical of those found on standardised tests, strategies students employ to solve the problem, conversation starters, student work, student-teacher conversations and instructional strategies to advance student learning. Teachers will also find suggestions for differentiation, reproducibles of sample questions and a comprehensive list of additional resources.

With dozens of sample test questions and numerous student samples, Beyond the Bubble shows educators how to use multiple-choice tests to provide more purposeful, focused mathematics instruction for all their students.

Other Resources

- Beyond the Bubble: Years 2–3: How to Use Multiple-Choice Tests to Improve Maths Instruction (SHP7859)
- Intentional Talk: How to Structure and Lead Productive Mathematical Discussions (SHP8139)
- Curriculum Sense: Tapping the Power of the Mathematical Practices (SHP8016)
- Differentiation That Really Works: Maths (PRU9457)