

Planning for Mathematical Understanding: Fractions Across the Junior Grades

Project Description:

As teachers collaboratively experience this process, they learn how to teach through problem solving on a more consistent basis. They also gain a better personal understanding of fraction concepts, how they develop from grade to grade, and awareness of potential student misconceptions. As a result, teachers are more responsive to student learning and can more flexibly adapt the unit to student needs. Critical components of effective divisional planning are identified. The big ideas that emerge around fractions are highlighted through teacher discussions and students working in the classroom. Finally, both educators and students reflect on their journey, revealing both increased confidence and curiosity around mathematics.