Intentional Talk: How to Structure and Lead Productive Mathematical Discussions
by Elham Kazemi

Citations per year. Lewis, R. Open strategy sharing allows you to nurture the norms needed for a productive math-talk community. Lynda Partridge, illustrated by Dave Nicholson. The text leaned a little too heavily on classroom vignettes and I wish there had been more examples by grade level of strategies that would be useful to discuss with each structure. Funded by a Royalty Research grant, this study examined how children are intellectually and socially positioned in the classroom across the subject areas of mathematics and literacy. Three Act Tasks in Kindergarten. Books by Elham Kazemi. Through these projects, a community of educators from schools and the University of Washington gained extensive knowledge of research-based professional development resources, the art of facilitation, teacher leadership development, strategies for working with administrators and parents, and factors that contribute to sustainability of change. Your email address will not be published. Informal and formal learning opportunities in early childhood mathematics abound. Templates for teachers to use in their own classrooms are included in an appendix. Corwin: Reston, Virginia. It's All Relative Anne M. Warfield Eds. Teaching as learning within a community of practice: Characterizing generative growth. Kim Crider rated it really liked it May 27, Participants in mathematics teacher education: Individuals, teams, communities, and networks pp. Beskrivelse Not all mathematics discussions are alike. Moving Mathematical instruction from a focus on computation and memorization has been a goal for Math teachers for many years now. Detailed models of planning templates. Promoting conceptual thinking in four upper-elementary mathematics classrooms E Kazemi, D Stipek Journal of education , . UpRoute Books, Durville Publications, Books: There are several resources that can provide additional structures and methods for implementing effective math talk in the classroom. Wood Series Ed. Angie Godfrey rated it it was amazing Oct 09, Core practices and teacher education pedagogies: A call for a common language and collective activity. Allison Hintz is an assistant professor of mathematics education at the University of Washington Bothell. Friend Reviews. Adapting cases from a Developing Mathematical Ideas seminar to closely examine the work of teaching. Intentional Talk guides teachers through the process of goal setting, planning for, and facilitating meaningful and dynamic mathematical discussions in their classrooms. Additionally, the authors examine students' roles as both listeners and talkers and, in the process, offer a number of strategies for improving student participation and learning. Planning templates for each discussion type empower teachers to apply the discussion structure to their own mathematics classrooms. Set your timer and see where your brain takes you…! Using student work to support professional development in elementary mathematics. Not all mathematics discussions are alike. What would you choose to highlight or spin off from for a follow-up Math Talk at some later time? View Larger Image. Why Is It Important? Elham Kazemi. Grades: K, 1, 2, 3, 4, 5. Getting students to think mathematically is what Intentional Talk is all about. I got this book at a reading conference. A collection of planning templates included in the appendix helps teachers apply the right structure to discussions in their own classrooms. Published March 28th by Stenhouse Publishers first published February 28th Instructional explorations in the discipline. Very good book on developing math talk in the elementary classrooms. Try again later. McDonald, M. Through detailed vignettes from both primary and upper elementary classrooms, the authors provide a window into what teachers are thinking as they lead discussions and make important pedagogical and mathematical decisions along the way. Understanding teaching and classroom practice in mathematics. Rating details. Will have to do more research on this one. About Elham Kazemi. Hintz, A. Duplicate citations. The beginning of each chapter outlines when you use that particular focus and then walks you through how to plan for it. It did have some tips for how to get discussions going but not as many as I had hoped. Curriculum Vitae. Anna Scharfeld rated it it was amazing Aug 08, Your privacy is protected. Open Preview See a Problem? Cindi rated it really liked it May 23, Sign in. Mathematics educator and educational psychologist. In., Elham was nominated for the university's faculty award for Distinguished Contribution to Lifelong Learning. Enlarge cover. Where else instructionally might this Math Talk go? National Council of Teachers of Mathematics. Mathematics teaching and classroom practice ML Franke, E Kazemi, D Battey Second handbook of research on mathematics teaching and learning 1 , . My profile My library Metrics Alerts. Get A Copy. Stenhouse Publishers: Portland, Maine. Learn how your comment data is processed. Title Sort Sort by citations Sort by year Sort by title. Jul 03, Shelly rated it liked it Shelves: paused. Journal of Mathematics Teacher Education, 7. In so doing, they consider and discuss Did we all approach this task the same way? The authors provide discussion structures that encourage students to compare, connect, justify, clarify and revise their thinking through lively discussions with their peers. Smith, M. Through the MEP, this mathematics community intends to reach out to other communities in the state and region. Present a problem, have kids solve it, and then share and discuss the different ways they arrived at a solution. Even I was not and currently do not consider myself to be a "math person". Due to my position move, I felt I needed to brush up on my math skills since they had been dormant for close to 7 years. I wish this had been part of my initial CGI training. Developing collective capacity to improve mathematics instruction: Coaching as a lever for school-wide improvement. Michelle Mulder. Washington State Kappan, 7 1, It did have some tips for how to get discussions going but not as many as I had hoped. Penguin Random House, The school-wide professional development model we designed has three important components: 1. Educational Leadership, 72 3, Adapting cases from a Developing Mathematical Ideas seminar to closely examine the work of teaching. Additionally, the authors examine students' roles as both listeners and talkers and, in the process, offer a number of strategies for improving student participation and learning. Powered by Convert Plus. The class I took that utilized this text was great. Item No: Kazemi, E. Kucan Eds. Reading and Writing Quarterly, 22 , . Produktinformasjon Forfatter Elham Kazemi. Intentional Talk guides teachers through the process of goal setting, planning for, and facilitating meaningful and dynamic mathematical discussions in their classrooms. Where did your brain take you? Read more about the Open Share Structure in this blog post. Math Labs: Teachers, teacher educators, and school leaders learning together with and from their own students. Conceptualizing the work of leading mathematical tasks in professional development. How many different ways? Lloyd Ed. Tundra Books, Classroom scenarios make the
strategies come to life. Citations per year. Intentional talk: How to lead productive mathematical discussions. I hope that it will give me more purpose in my math discussions. Chapman Series Ed. Kim Crider rated it really liked it May 27, Which One Doesn't Belong. Mishel Reilly rated it it was amazing Apr 17, Katherena Vermette, illustrated by Scott B. Community Reviews. Overall, I liked this book because it gave me a clear way to structure my math conversations and a path to getting better at supporting students in thinking deeply about math. Growing Strong Relationships with Your Students. In this presentation, I talk about how families and early childhood educators can support young children's interest and knowledge in early numeracy skills. It's All Relative Ann Ed. Journal of Mathematics Educational Leadership, 18 2 , Katherena Vermette, illustrated by Irene Kuziw. Excellent strategies for incorporating math talk and supporting all learners. A successful mathematics program emphasizes communicating mathematically frequently in the classroom. I am excited to use the discussion formats in my classroom next year. It goes along with the classroom discussions book well. Choral Counting in 3rd Grade. I particularly like how the Open Strategy Share discussion structure provides an initial access point for teachers looking to introduce or enhance math talk in their classrooms. Allison Hintz. Account Options Anmelden. Getting students to think mathematically is what Intentional Talk is all about. Related Posts. A great book for fostering math discussions on our classrooms. Teaching as learning within a community of practice: Characterizing generative growth. Each chapter provides at least two classroom vignettes along with sample templates filled in for each discussion. Using videocases to prepare leaders of mathematics professional development. Return to Book Page. Core practices and teacher education pedagogies: A call for a common language and collective activity. Lindsay rated it really liked it Jul 13, There are lots of sentence starters I can use as a teacher and the planning guides in the appendix will certainly be helpful. Duplicate citations. Allison Hintz is an assistant professor of mathematics education at the University of Washington Bothell. Related papers: Franke, M. Want to Read saving…. Curriculum in Context , 34, A lifelong resident of the Pacific Northwest, Allison also loves to cook and has a special fondness for "anything with lemons. Philipp Eds. Teaching Children Mathematics, 24, Strategic Partners. Should it be a show-and-tell where each group or individual gets to share his or her work? Related Articles. Singing Sisters: A Story of Harmony. Want to Read Currently Reading Read. Julie rated it really liked it Jan 21, Try again later. Let's Justify is the discussion structure that confused me. Grades: K, 1, 2, 3, 4, 5. The following articles are merged in Scholar. Using student work to support professional development in elementary mathematics. Take 2 different approaches and have kids think through how they are similar and different, why they both work, and possibly if one is preferred in a particular situation. Elham loves to knit, hike, and experiment with new foods. The book focuses on teacher and student roles in two types of discussions: open strategy sharing and targeted sharing. Collins and Linda Dacey. Elham Kazemi | UW College of Education

Try again later. Allison Hintz is an assistant professor of mathematics education at the University of Washington Bothell. View Larger Image. Effective communication about mathematics is essential to help students develop the thinking, self-questioning, and explanation skills needed to master required skills and concepts. Whether these opportunities are realized depends on the actual use of student work in professional activity. This talk describes how to identify mathematical activity in everyday experiences and turn them into genuine math experiences. A collection of planning templates included in the appendix helps teachers apply the right structure to discussions in their own classrooms. Lampert, T. According to Elham Kazemi and Allison Hintz, the critical first step is to identify a discussion's goal and then understand how to structure and facilitate the conversation to meet that goal. Resnick, A. Journal for Research in mathematics education, , Even I was not and currently do not consider myself to be a "math person". Detailed models of planning templates. Using videocases to prepare leaders of mathematics professional development. No trivia or quizzes yet. Teaching Children Mathematics, 24, Welcome back. The class I took that utilized this text was great. Related Titles. Math Sense Christine Moynihan. Undertitel How to structure and lead productive mathematical discussions. Listening to and learning from student thinking. An assessment approach to guide instructional decisions. Language Arts, 83, The authors provide discussion structures that encourage students to compare, connect, justify, clarify and revise their thinking through lively discussions with their peers. New citations related to this author's research. In addition, the teacher highlights a variety of strategies and emphasizes the similarities and differences among them. Not all mathematics discussions are alike. Joe rated it it was amazing May 18, Gibbons, L. Where did your brain take you? Lists with This Book. I was not and currently do not consider myself to be a "math person". Howes Ed. Related papers: Kazemi, E. Articles Cited by. As with any lesson, it is essential to create a plan for using math talk in the classroom. Allison Hintz. Search by keyword. A Girl Called Echo Vol. Powered by Convert Plus. The Bug Girl. Facebook Twitter Pinterest Email. Stacey Laforme. Using designed instructional activities to enable novices to manage ambitious mathematics teaching while maintaining high standards for student learning. Instructional explanations in the disciplines, , More Details Related Articles. Mathematics education: Individuals, teams, communities, and networks pp. New citations to this author. Elham Kazemi, Allison Hintz. Promoting conceptual thinking in four upper-elementary mathematics classrooms. I'm not sure I have the depth of content knowledge required to lead some of the types of convos they talk about, but the premise is strong. Choral Counting in 3rd Grade. Hi Casilda, The author of this guest post says that the strategies are not available in a language other than English at this time. Kazemi, E. She earned a bachelor's degree in psychology, and her elementary teaching credentials, from Duke University. Related Articles. Katherena Vermette, illustrated by Scott B. Check out the following resources for more insight: Professor of Mathematics Education, University of Washington.

Kazemi is originally from Iran, and moved to the US at age