Engage your mathematics students at the beginning of class with this whole-class warm-up activity. This product features a step-by-step lesson, assessment information, and a snapshot of what the warm-up looks like in the classroom. This invaluable professional resource instructs teachers on how to successfully implement Guided Math Workstations into grades 3-5 classrooms. With detailed instructions that are easily adopted into today's classrooms, this book contains everything teachers need.
to set up, plan, and manage workstations. Guided Math Workstations allow teachers to address their students' varied learning needs within a carefully planned numeracy-rich environment where students are challenged to not just do math, but to become mathematicians. Teachers will be able to successfully target the specific needs of learners with small-group lessons as students work independently on math workstation tasks. Each workstation task includes: an overview of the lesson, materials, objective, procedure, and differentiation tactics; a Student Task card with directions and a materials list for the task to help with implementation and organization; a Talking Points card with math vocabulary words and sentence stems to encourage mathematical discourse; and additional resources for each task. In this resource, Laney Sammons, author of Guided Math, delves into the strategies necessary to effectively implement the Guided Math Framework. It provides specific strategies for implementing the seven elements of the Guided Math Framework. In addition, this 344-page professional resource includes a Teacher Resource CD, sample lessons, activities, and classroom snapshots of strategy implementation at three grade level spans: K-2, 3-5, and 6-8. Strategies for Implementing Guided Math is correlated to the Common Core State Standards and aligned to the interdisciplinary themes from the Partnership for 21st Century Skills.

304pp. Engage your mathematics students at the beginning of class with this whole-class warm-up activity. This product features a step-by-step lesson, assessment information, and a snapshot of what the warm-up looks like in the classroom. Differentiate math instruction using Guided Math Made Easy for grade K. This 96-page book includes large-group lessons that are paired with smaller, individualized mini-lessons at three levels of difficulty. The lessons support NCTM standards, which allows for easy integration into an existing math curriculum. The book includes reproducibles and aligns with state, national, and Canadian provincial standards. Engage your mathematics students at the beginning of class with this whole-class warm-up activity. This product features a step-by-step lesson, assessment information, and a snapshot of what the warm-up looks like in the classroom. This invaluable professional resource instructs teachers on how to successfully
implement Guided Math Workstations into K-2 classrooms. With detailed instructions that are easily adopted into today's classrooms, this book contains everything teachers need to set up, plan, and manage workstations. Guided Math Workstations allow teachers to address their students' varied learning needs within a carefully planned numeracy-rich environment where students are challenged to not just do math, but to become mathematicians. Teachers will be able to successfully target the specific needs of learners with small-group lessons as students work independently on math workstation tasks. Each workstation task includes: an overview of the lesson, materials, objective, procedure, and differentiation tactics; a Student Task card with directions and a materials list for the task to help with implementation and organization; a Talking Points card with math vocabulary words and sentence stems to encourage mathematical discourse; and additional resources for each task.

Support the implementation of the Guided Math framework with this user-friendly professional guide written by Guided Math author, Laney Sammons. This resource provides school leaders (coaches, principals, curriculum directors, teacher leaders, etc.) with user-friendly strategies for supporting teachers as they embark on teaching components of the Guided Math framework in their classrooms. Highlights include how to use the professional learning community model effectively when implementing Guided Math, tips for creating a strategic plan for improving students' mathematics achievement, sample implementation models, sample assessments, and planning and implementation tools.

Differentiate math instruction using Guided Math Made Easy for grade 2. This 96-page book includes large-group lessons that are paired with smaller, individualized mini-lessons at three levels of difficulty. The lessons support NCTM standards, which allows for easy integration into an existing math curriculum. The book includes reproducibles and aligns with state, national, and Canadian provincial standards. This must-have resource helps teachers successfully plan, organize, implement, and manage Guided Math Workshop. It provides practical strategies for structure and implementation to allow time for teachers to conduct small-group lessons and math conferences to target student needs. The tested resources and strategies for organization and management help to promote student independence and provide opportunities for ongoing practice of previously mastered concepts and skills. With sample workstations and
mathematical tasks and problems for a variety of grade levels, this guide is sure to provide the information that teachers need to minimize preparation time and meet the needs of all students. Math Workshop for second grade provides complete small-group math instruction for these important topics: -arrays -skip counting -addition and subtraction strategies -measuring length Simple and easy-to-use, this teacher resource for second grade math teachers complements any curriculum. Like reading and writing workshops, math workshop is an instructional model that combines whole-group lessons with leveled guided math groups and independent practice. It allows teachers to give students direct, leveled instruction while providing opportunities for practice and skill review. Math Workshop for second grade simplifies the workshop method with a comprehensive introduction and over 25 step-by-step lessons. This teacher resource for second grade math also includes these helpful features: -comprehensive lesson plans -leveled practice pages -hands-on activities for every lesson The Math Workshop series for kindergarten through fifth grades gives teachers everything they need to implement the math workshop method. Each book contains 28 complete lessons, a thorough introduction, and reproducible game templates. Each lesson begins with an essential question, a warm-up activity, and a whole-group lesson. It is followed by three leveled small-group lessons and a short assessment. Lessons are rounded out with a practice worksheet for each small group and an activity to practice the skill. Teachers are also provided with math talk questions and a math journal prompt to extend learning. The Math Workshop series gives teachers the flexible tools needed to begin small-group math instruction. Engage your mathematics students at the beginning of class with this whole-class warm-up activity. This product features a step-by-step lesson, assessment information, and a snapshot of what the warm-up looks like in the classroom. Engage your mathematics students at the beginning of class with this whole-class warm-up activity. This product features a step-by-step lesson, assessment information, and a snapshot of what the warm-up looks like in the classroom. Engage your mathematics students at the beginning of class with this whole-class warm-up activity. This product features a step-by-step lesson, assessment information, and a snapshot of what the warm-up looks like in the classroom. Engage your mathematics students at the beginning of class with this whole-class warm-up activity. This product features a step-by-step lesson, assessment information, and a snapshot of what the warm-up looks like in the classroom. Math Workshop for kindergarten provides complete small-group math instruction for these essential topics: -counting -beginning place value
-2-D and 3-D shapes Simple and easy-to-use, this teacher resource for kindergarten math complements any curriculum. Like reading and writing workshops, math workshop is an instructional model that combines whole-group lessons with leveled guided math groups and independent practice. It allows teachers to give students direct, leveled instruction while providing opportunities for practice and skill review. Math Workshop for kindergarten simplifies the workshop method with a comprehensive introduction and over 25 step-by-step lessons. This teacher resource for kindergarten math also includes these helpful features:

- comprehensive lesson plans
- leveled practice pages
- hands-on activities for every lesson

The Math Workshop series for kindergarten through fifth grades gives teachers everything they need to implement the math workshop method. Each book contains 28 complete lessons, a thorough introduction, and reproducible game templates. Each lesson begins with an essential question, a warm-up activity, and a whole-group lesson. It is followed by three leveled small-group lessons and a short assessment. Lessons are rounded out with a practice worksheet for each small group and an activity to practice the skill. Teachers are also provided with math talk questions and a math journal prompt to extend learning. The Math Workshop series gives teachers the flexible tools needed to begin small-group math instruction.

Engage your mathematics students at the beginning of class with this whole-class warm-up activity. This product features a step-by-step lesson, assessment information, and a snapshot of what the warm-up looks like in the classroom. This instructional math framework provides an environment for mathematics that fosters mathematical thinking and understanding while meeting the needs of all students. This updated math resource takes an innovative approach to mathematics instruction and uses the same teaching philosophies for guided reading. Educators will learn how to effectively utilize small-group and whole-group instruction, manipulatives, math warm-ups, and Math Workshop to engage K-12 students in connecting mathematics to their own lives. Maximize the impact of your instruction with ideas for using ongoing assessment and differentiation strategies. This 2nd edition guided math resource provides practical guidance and sample lessons for grade level bands K-2, 3-5, 6-8, and 9-12. Promote a classroom environment of numeracy and mathematical discourse with this essential professional resource for K-12 math teachers! Provides teachers with strategies for differentiating math instruction.
for the K-8 classroom. Engage your mathematics students at the beginning of class with this whole-class warm-up activity. This product features a step-by-step lesson, assessment information, and a snapshot of what the warm-up looks like in the classroom. Engage your mathematics students at the beginning of class with this whole-class warm-up activity. This product features a step-by-step lesson, assessment information, and a snapshot of what the warm-up looks like in the classroom. Engage your mathematics students at the beginning of class with this whole-class warm-up activity. This product features a step-by-step lesson, assessment information, and a snapshot of what the warm-up looks like in the classroom. Apply familiar reading comprehension strategies and relevant research to mathematics instruction to aid in building students' comprehension in mathematics. This resource demonstrates how to facilitate student learning to build schema and make connections among concepts. In addition, it provides clear strategies to help students ask good questions, visualize mathematics, and synthesize their understanding. This resource is aligned to College and Career Readiness Standards. Engage your mathematics students at the beginning of class with this whole-class warm-up activity. This product features a step-by-step lesson, assessment information, and a snapshot of what the warm-up looks like in the classroom. This invaluable professional resource instructs teachers on how to successfully implement Guided Math Workstations into grades 6-8 classrooms. With detailed instructions that are easily adopted into today's classrooms, this book contains everything teachers need to set up, plan, and manage workstations. Guided Math Workstations allow teachers to address their students' varied learning needs within a carefully planned numeracy-rich environment where students are challenged to not just do math, but to become mathematicians. Teachers will be able to successfully target the specific needs of learners with small-group lessons as students work independently on math workstation tasks. Each workstation task includes: an overview of the lesson, materials, objective, procedure, and differentiation tactics; a Student Task card with directions and a materials list for the task to help with implementation and organization; a Talking Points card with math vocabulary words and sentence stems to encourage mathematical discourse; and additional resources for each task. Engage your mathematics students at the beginning of class with this whole-class warm-up activity. This product features a step-by-step lesson, assessment information, and a snapshot of what the warm-up looks like in the classroom. Engage your mathematics students at the beginning of class with this whole-class warm-up activity. This product features a step-by-step lesson, assessment information, and a snapshot of what the warm-up looks like in the classroom.
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What are "essential questions," and how do they differ from other kinds of questions? What's so great about them? Why should you design and use essential questions in your classroom? Essential questions (EQs) help target standards as you organize curriculum content into coherent units that yield focused and thoughtful learning. In the classroom, EQs are used to stimulate students' discussions and promote a deeper understanding of the content. Whether you are an Understanding by Design (UbD) devotee or are searching for ways to address standards—local or Common Core State Standards—in an engaging way, Jay McTighe and Grant Wiggins provide practical guidance on how to design, initiate, and embed inquiry-based teaching and learning in your classroom. Offering dozens of examples, the authors explore the usefulness of EQs in all K-12 content areas, including skill-based areas such as math, PE, language instruction, and arts education. As an important element of their backward design approach to designing curriculum, instruction, and assessment, the authors *Give a comprehensive explanation of why EQs are so important; *Explore seven defining characteristics of EQs; *Distinguish between topical and overarching questions and their uses; *Outline the rationale for using EQs as the focal point in creating units of study; and *Show how to create effective EQs, working from sources including standards, desired
understandings, and student misconceptions. Using essential questions can be challenging—for both teachers and students—and this book provides guidance through practical and proven processes, as well as suggested "response strategies" to encourage student engagement. Finally, you will learn how to create a culture of inquiry so that all members of the educational community—students, teachers, and administrators—benefit from the increased rigor and deepened understanding that emerge when essential questions become a guiding force for learners of all ages.

Engage your mathematics students at the beginning of class with this whole-class warm-up activity. This product features a step-by-step lesson, assessment information, and a snapshot of what the warm-up looks like in the classroom. Teachers, coaches, and supervisors will learn how to help elementary school students build mathematical proficiency with standards-based, differentiated, small-group instruction with the strategies in this book. Both novice and veteran educators will gain in-depth knowledge for conducting effective guided math lessons, scaffolding learning in small groups, and assessing student learning. Lots of actual templates, graphic organizers, black-line masters, detailed lesson plans, and student work samples are included, as well as vignettes of mini-lessons, center time, small guided math groups, and share time. This practical, hands-on guide will help you understand the framework of Guided Math lessons. Gain an in-depth look at the role of assessment throughout the Guided Math process. Develop an action plan to get started immediately. This is a must-have resource for all educators looking for a structure to teach small groups in math that meet the Common Core State Standards for Mathematics.

This professional resource provides teachers with suggestions, tips, management, and implementation methods for using effective conferencing with students within the Guided Math framework. Templates, planning tools, and other resources are provided to help teachers stay organized and effective while conferring. When Courtney Cazden wrote Classroom Discourse, she provided such a cogent picture of what the research tells us about classroom language that the book quickly became a classic and shaped an entire field of study. Although other books since have addressed classroom language, none has matched Cazden's scope and vision. Now, thirteen years later, we've witnessed such significant changes in social and intellectual life that the subject of classroom discourse is more important than ever. So Cazden has
revisited her classic text and integrated current perspectives and research. New features include: a new rationale for the importance of student-teacher talk: the importance of oral as well as written communication skills in today's occupations and current conceptions of knowledge and the way it is acquired rich new examples of talk in K-12 classrooms - math as well as language arts - with transcriptions and analyses new findings from teacher researchers as well as university researchers new emphasis on achieving greater equity in what students learn new material on the kind of interactions computers offer new section on learning new forms of discourse as a significant educational goal for all students. Readers will emerge from the book with a better understanding of the significance of quality teacher-student talk and some of the most important research and researchers.

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Students learning math are expected to do more than just solve problems; they must also be able to demonstrate their thinking and share their ideas, both orally and in writing. As many classroom teachers have discovered, these can be challenging tasks for students. The good news is, mathematical communication can be taught and mastered. In Teaching Students to Communicate Mathematically, Laney Sammons provides practical assistance for K-8 classroom teachers. Drawing on her vast knowledge and experience as a classroom teacher, she covers the basics of effective mathematical communication and offers specific strategies for teaching students how to speak and write about math. Sammons also presents useful suggestions for helping students incorporate correct vocabulary and appropriate representations when presenting their mathematical ideas. This must-have resource will help you help your students improve their understanding of and their skill and confidence in mathematical communication.

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Engage your mathematics students at the beginning of class with this whole-class warm-up activity. This product features a step-by-step lesson, assessment information, and a snapshot of what the warm-up looks like in the classroom. This invaluable resource provides teachers with the tools they need to facilitate mathematical discourse and create opportunities for students to think constructively, communicate effectively, and increase mathematics proficiency. This book will help teachers develop a new set of pedagogical skills and strategies to assess, plan, and organize their classrooms in a manner that is conducive to mathematical discourse. With helpful tips and strategies that are easy to implement, this standards-based book supports an equitable learning environment by encouraging active listening, clear communication, justification of perspective, and acknowledgement of students’ experiences. Each chapter includes Culturally and Linguistically Responsive Teaching and Learning strategies to address cultural norms for diverse populations, and support the needs of English language learners. With tips for implementing Math Talks and Number Talks, this resource will get students thinking like mathematicians in no time.