2nd Grade Introduction of Fractions Lesson Plan

By: Cristen Waters, Jessica Hejl, Sara Dupski, Nicole Jarboe

Group: 6

Judges Prior Learning

Background

 To assess prior learning, the teacher will discuss with the class basic fractions. The teacher will talk about wholes, halves, and fourths in the real world, such as pizza, pie and liquids (the glass half full).

Planning and Teaching

Participants Grouping

- In the first part of the lesson the students will come together as a whole group and listen to a book about fractions.
- The class will then break into two groups. One will work on a promethean board activity about fractions. The other group will be doing a lesson on fraction by making their own fraction pie and using them to help answer fraction questions.

MSC Standard(s):

- Standard 6.0 Knowledge of Number Relationships and Computation/Arithmetic
 - Indicator 2 Apply knowledge of fractions
 - Objectives
 - Read, write and represent fractions as parts of a single region using symbols or models with denominators of 2, 3, or 4
 - Read, write, and represent halves or fourths as parts of a set using symbols, words, and models

MTTS Standard(s):

- Standard V: Integrating Technology into the Curriculum and Instruction
 - o Indicators
 - Use appropriate instructional strategies for integrating technology into instruction.

Fraction Lesson Plans 2nd Grade

Nisha Ohri, Vishruta Dumane, Haibo Lin, Arpit Chhabra

Fraction Lesson Plans 2nd Grade:

The ChatGPT Teaching Assistant Teachmehowtodothat, 2023-04-21 Save Time Work Smarter Transform your Teaching Welcome to the AI Teaching Assistant This e book aims to provide educators with the knowledge and skills necessary to harness the benefits of artificial intelligence AI in the classroom specifically focusing on the ChatGPT language model developed by OpenAI As AI continues to reshape various industries including education it is essential for educators to stay updated and leverage these advancements to enhance teaching and learning experiences Throughout the 25 page book or rather guide you will explore practical strategies for using ChatGPT in various aspects of your teaching practice including lesson planning resource development student engagement assessment and language learning You will find Discover dozens of easy to use prompts and nearly 100 use cases with ChatGPT AI in this ultimate guide for educators With ChatGPT generating learning objectives developing classroom resources and enhancing student engagement and assessment is easy and intuitive Promote creativity critical thinking and collaboration in the classroom with ChatGPT's advanced capabilities for personalized feedback peer review and language learning materials Explore the applications of ChatGPT for collaborative storytelling and generating discussion topics Join the AI revolution in education and unlock the limitless potential of ChatGPT to enhance your teaching and save you time 6 Modules Each module in this e bookwill provide you with an in depth understanding of how to effectively integrate ChatGPT into your classroom Module 1 ChatGPT for Lesson Planning Learn to generate learning objectives create lesson plans and customize content using ChatGPT Module 2 ChatGPT for Classroom Resources Discover how to generate worksheets and exercises for diverse student needs Module 3 ChatGPT for Engagement and Assessment Use ChatGPT for personalized feedback grading online discussions and peer review to engage students Module 4 ChatGPT for Language Learning Develop vocabulary lists grammar exercises and proficiency level materials with ChatGPT Module 5 ChatGPT Applications in Teaching Explore ChatGPT s applications in teaching and the classroom including collaborative storytelling and generating discussion topics to promote critical thinking collaboration and participation 67 Applications of ChatGPT in Teaching ChatGPT can assist teachers during class aid studying and improve reading writing and comprehension skills It can also generate discussion topics facilitate collaborative story creation and assist with writing assignments By the end of this guide you will have a deep understanding of how to effectively integrate ChatGPT into your teaching practice enabling you to create dynamic and engaging learning experiences for your students You can copy the prompts into ChatGPT to generate the products that you want We hope that this e book will inspire you to embrace the power of AI and become a part of the exciting future of education technology Let's embark on this learning journey together and unlock the potential of AI in education 2nd Grade Mathematical Thinking: Expressing Ideas and Strategies Jessica Koizim, 2003-12-15 A variety of stimulating curriculum correlated activities help learners succeed in the 2nd grade math classroom and teacher support makes it easy to implement mathematics standards Valuable pre and post

assessments aid teachers in individualizing instruction diagnosing the areas where students are struggling and measuring Teaching Powerful Problem-Solving in Math Catherine C. Lewis, Akihiko Takahashi, Shelley achievement Friedkin, Nora Houseman, Sara Liebert, 2025-08-22 Teaching Powerful Problem Solving in Math provides the first in depth portrait of schoolwide lesson study showing how U S teachers at several schools used it to implement powerful problem based mathematics instruction Students learn mathematics by confronting a novel problem and building the new understanding of the mathematical concepts needed to solve it just as mathematicians would By learning in this way students discover the power of their own thinking and gain confidence that extends well beyond mathematics This book introduces readers to urban elementary and K 8 schools where teachers have dramatically transformed math learning for teachers and for students Readers will follow teachers as they transform instruction using schoolwide lesson study building powerful new ways for educators to learn from each other and practice innovative teaching techniques. The authors use in depth classroom portraits from the outset of schoolwide lesson study and three years later to illuminate the changes in mathematics instruction at a school that raised its proficiency on Smarter Balanced Assessment from 15% to 56% Extensive resources and links are provided to help readers understand and build on the work of these schools which is grounded in established principles of collective efficacy intrinsic motivation and learner agency for both students and teachers Book Features Shows how teaching through problem solving can erase the achievement gap in mathematics learning Provides the first in depth portrait of schoolwide lesson study showing how U S teachers at several schools build it and use it to transform teaching Profiles teachers leading the transformation of instruction to achieve the ambitious vision of learning embodied in recent standards Uses photographs student work and detailed classroom descriptions to bring to life mathematics lessons in year 1 and year 4 of the school's work to build problem solving Provides examples and links to the strategies teachers use to make student thinking visible and actionable during mathematics lessons Includes lesson plans photographs of board work student journals school newsletters self assessment rubrics and dozens of links to the resources needed to begin using teaching through problem solving and school wide lesson study Provides long term teacher led solutions for professional learning and for mathematics instruction that have been shown to improve teacher retention and student proficiency **Mathematics** Education in Korea Jinho Kim, 2013 This book will introduce the history and practices of mathematics education in Korea How it has been influenced from Japan America and other countries and has developed into the unique Korean style of mathematics education The editors have planned to include most of the topics researchers outside Korea want to know Every Math Learner, Grades K-5 Nanci N. Smith, 2017-02-01 As an elementary teacher mathematics education in Korea you know that students are different and learn differently And yet when students enter your classroom you somehow must teach these unique individuals deep mathematics content using rigorous standards Is differentiation really the answer How can it be done well and in less time Nationally recognized math differentiation expert Nanci Smith debunks the myths

revealing what differentiation is and isn t In this engaging book Smith reveals a practical approach to teaching for real learning differences You ll gain insights into an achievable daily differentiation process for ALL students in the K 5 classroom Theory lite and practice heavy this book shows how to maintain order and sanity while helping your students know understand and even enjoy doing mathematics Classroom videos teacher vignettes ready to go lesson ideas and rich K 5 mathematics examples help you build a manageable framework of engaging sense making math Busy K 5 mathematics teachers coaches and teacher teams will learn to Provide practical structures for assessing how each of your students learns and processes mathematical concepts Design implement manage and formatively assess and respond to learning in a differentiated classroom Plan specific standards aligned differentiated lessons activities and assessments Adjust current instructional materials and program resources to better meet students needs This book includes classroom videos in depth student work samples student surveys templates before and after lesson demonstrations examples of 5 day sequenced lessons and a robust companion website with downloadables of all the tools in the books plus other resources for further planning Every Math Learner Grades K 5 will help you know and understand your students as learners in order to provide daily differentiation that accelerates their mathematics comprehension Every Math Learner is a powerful tool for educators serious about meeting the needs of all learners in their mathematics classrooms Nanci Smith balances philosophy with practicality while providing a glimpse into real classrooms with real students Teachers will ultimately learn how to lift students up to their greatest potential in learning Eileen Hogan District Mathematics Facilitator Winnetka District 36

Everyday Mathematics 4 Grade Teacher's Lesson Guide Volume 2 Max Bell,2004 Contains easy to follow three part daily lesson plans This assists teachers in focusing on lesson objectives providing ongoing practice for all students and addressing individual student needs for a variety of populations A unit organizer provides learning goals planning and assessment support content highlights a materials chart suggestions for problem solving cross curricular links and options for individualizing Each guide is grade level specific Critical Thinking in the Elementary Classroom Erin Shadowens,2023-10-31 Even young students can develop vital critical thinking skills when they have access to rich content meaningful opportunities to practice and guided instruction Critical thinking evaluating and analyzing data to make informed judgments is essential in both the classroom and everyday life Teaching critical thinking skills in the elementary grades is often an afterthought if it s a thought at all Veteran primary teacher and instructional leader Erin Shadowens proposes that students of all ages benefit when teachers expand the definition of what is possible by engaging young learners with real challenges and supportive accessible learning environments In Critical Thinking in the Elementary Classroom Shadowens Explores the concept of critical thinking clarifies misunderstandings and delves into relevant research Introduces the Critical Thinking Framework to help nurture deep thinking in the context of content focused lessons Presents case studies of the framework in action Shows how to apply the framework at the unit and lesson levels addressing common instructional pitfalls

along the way Describes how a virtuous cycle of assessment and feedback promotes academic achievement and critical thinking Illustrates how to foster an intellectual community with young learners Ultimately this book guides elementary teachers in supporting students to think deeply about rich content make insightful connections and address issues in broader more meaningful ways both in and outside of school Multiple Intelligences Around the World Jie-Qi Chen, Seana Moran, Howard Gardner, 2009-07-07 Howard Gardner's theory of Multiple Intelligences MI has become a cornerstone of American education This is the first book to draw upon an international network of MI practitioners to share stories and strategies of educational innovation Each contributor addresses key questions of MI application How have different people implemented MI How do different cultures assimilate this intelligence theory to fit their educational values and traditions What kinds of cultural conflicts are encountered along the way And what universal lessons can be drawn from these Advances in treatment planning, optimization and delivery for radiotherapy of breast cancer Nisha experiences Ohri, Vishruta Dumane, Haibo Lin, Arpit Chhabra, 2024-01-19 Artificial Intelligence in Education. Posters and Late Breaking Results, Workshops and Tutorials, Industry and Innovation Tracks, Practitioners, Doctoral Consortium and Blue Sky Andrew M. Olney, Irene-Angelica Chounta, Zitao Liu, Olga C. Santos, Ig Ibert Bittencourt, 2024-07-01 This volume constitutes poster papers and late breaking results presented during the 25th International Conference on Artificial Intelligence in Education AIED 2024 which took place in Recife Brazil during July 8 12 2024 The 18 full papers and 92 short papers were carefully reviewed and selected from 200 submissions. They are organized in topical sections as follows Part One Blue Sky Industry Innovation and Practitioner WideAIED and Late Breaking Results Part Two Late Breaking Results Doctoral Consortium Workshops and Tutorials

Whispering the Secrets of Language: An Emotional Journey through Fraction Lesson Plans 2nd Grade

In a digitally-driven world where screens reign supreme and quick interaction drowns out the subtleties of language, the profound secrets and mental nuances hidden within phrases often go unheard. However, nestled within the pages of **Fraction Lesson Plans 2nd Grade** a fascinating literary treasure sporting with fresh emotions, lies an extraordinary journey waiting to be undertaken. Written by a skilled wordsmith, that enchanting opus encourages viewers on an introspective trip, gently unraveling the veiled truths and profound influence resonating within the cloth of every word. Within the psychological depths of this poignant review, we shall embark upon a heartfelt exploration of the book is key styles, dissect its charming writing model, and fail to the strong resonance it evokes deep within the recesses of readers hearts.

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