

Marzano's (Nine) High-Yield Instructional Strategies

Adapted from the book: *Classroom Instruction that Works: Research-Based Strategies for Increasing Student Achievement*, by Robert Marzano (2001)

WHAT TO DO

HOW TO DO IT

IDENTIFYING SIMILARITIES & DIFFERENCES

(Yields a 45 Percentile Gain)

Students should compare, classify, and create metaphors, analogies, and non-linguistic or graphic representations

thinking maps; T-charts; Venn diagrams; classifying, analogies; cause and effect links; compare and contrast organizers; QAR (Question/Answer/Relationship); sketch to stretch; affinity diagrams; Frayer model

SUMMARIZING & NOTE-TAKING

(Yields a 34 Percentile Gain)

Students should learn to eliminate unnecessary information, substitute some information, keep important information, write/rewrite, and analyze information; students should be encouraged to put some information into own words

teacher models summarization techniques; identify key concepts; bullets; outlines; clusters; narrative organizers; journal summaries; break-down assignments; create simple reports; quick writers; graphic organizers; column notes; affinity diagrams

REINFORCING EFFORT & PROVIDING RECOGNITION

(Yields a 29 Percentile Gain)

Teachers should reward based on standards of performance; use symbolic recognition rather than just tangible rewards

hold high expectations; display finished products; praise students' effort; encourage students to share ideas and express their thoughts; honor individual learning styles; conference individually with students; authentic portfolios; stress-free environment; high-fives; spelling bees; school newspaper

HOMEWORK & PRACTICE

(Yields a 26 Percentile Gain)

Teachers should vary the amount of homework based on student grade level (less at the elementary level, more at the secondary level); keep parent involvement in homework to a minimum; state purpose; and, if assigned, should be debriefed

retell, recite, and review learning for the day at home; reflective journals; parents are informed of the goals and objectives; grade-level teams plan together for homework distribution; SLCs; teacher email

NONLINGUISTIC REPRESENTATIONS

(Yields a 27 Percentile Gain)

Students should create graphic representations, models, mental pictures, drawings, and photographs, and participate in kinesthetic (hands-on) activities in order to assimilate knowledge

visual tools and manipulatives; problem-solution organizers; spider webs; diagrams; concept maps; drawings; charts; thinking maps; graphic organizers; sketch to stretch; storyboards; foldables; act out content; make physical models

COOPERATIVE LEARNING

(Yields a 23 Percentile Gain)

Teachers should limit use of ability groups, keep groups small, apply strategy consistently and systematically—but not overuse; assign roles and responsibilities in groups

integrate content and language through group engagement; reader's theater; pass the pencil; circle of friends; cube it; radio reading; shared reading and writing; plays; science projects; debates; jigsaw; group reports; choral reading; affinity diagrams; students tackle TAKS word problems in groups and explain their answers

SETTING OBJECTIVES & PROVIDING FEEDBACK

(Yields a 23 Percentile Gain)

Teachers should create specific but flexible goals, allowing some student choice; teacher feedback should be corrective, timely, and specific to a criterion

articulating and displaying learning goals; KWL; contract learning goals; teacher can display objectives on the in-focus projector and follow-up on the mastery of the objective at the end of the lesson

GENERATING & TESTING HYPOTHESES

(Yields a 23 Percentile Gain)

Students should generate, explain, test, and defend hypotheses using both inductive and deductive strategies through problem-solving, history investigation, invention, experimental inquiry, and decision-making

thinking processes; constructivist practices; investigate; explore; social construction of knowledge; use of inductive and deductive reasoning; questioning the author of a book; finding other ways to solve same math problem

QUESTIONS, CUES, & ADVANCE ORGANIZERS

(Yields a 22 Percentile Gain)

Teachers should use cues and questions that focus on what is important (rather than unusual), use ample wait time before accepting responses, eliciting inference and analysis; advance organizers should focus on what is important and are more useful with information that is not well-organized

graphic organizers; provide guiding questions before each lesson; think alouds; inferencing; predicting; drawing conclusions; stem chapters to identify key vocabulary; concepts and skills; foldables; annotating the text

Marzano Strategies Chart

John S. Kendall, Robert J. Marzano



Marzano Strategies Chart:

Strategies for Interactive Notetaking ebook Judith Goodman, 2013-10-01 Use interactive notetaking to engage students and develop deep learning With valuable strategies for vocabulary development activating prior knowledge summarizing building comprehension using primary sources and review this resource contains creative methods for students to learn and remember content Using interactive notetaking strategies will help students organize and store their notes study for tests and take ownership of their learning With model lessons correlated to College and Career Readiness and other state standards this resource provides students with creative ways to develop positive notetaking habits now *Differentiated Instructional Strategies* Gayle H. Gregory, Carolyn Chapman, 2007 Praise for the First Edition Highly recommended reading for classroom educators and a seminal contribution to Teacher Education supplemental reading lists and academic reference collections Midwest Book Review A teacher friendly guide to differentiating instruction based on sound theory and best practice Joanne Quinn OISE University of Toronto The book is highly recommended reading for classroom educators and a seminal contribution to Teacher Education supplemental reading lists and academic reference collections Wisconsin Bookwatch *Differentiated Instructional Strategies One Size Doesn't Fit All* provides information about strategies that will enable teachers to plan strategically so they can meet the needs of the wide variety of students in today's highly diverse classroom Presented in an easy to use format practical techniques and processes are shared that can be used to plan and adjust learning based on pre assessment of individual students knowledge skills experience preferences and needs *Gifted Child Today* My principals use *Differentiated Instructional Strategies* to design appropriate strategies for evaluating whether the needs of all learners have been met Linda S Tafel Professor National Louis University Evanston Campus *Differentiated instruction* enables teachers to plan strategically so they can meet the needs of each and every student in today's highly diverse classroom Now the book offering best practices and techniques for differentiated instruction has been updated and expanded by two of the field's most respected proponents *Differentiated Instructional Strategies Second Edition* features more of the practical techniques and processes that teachers can use to adjust learning based on individual students knowledge skills experience preferences and needs This teacher friendly guide is sure to be an important resource for any teacher new or experienced who wants to help every student in the classroom learn and succeed **Differentiated Instructional Strategies for the Block Schedule** Gayle H. Gregory, Lynne E. Herndon, 2010-06-28 Eliminate idea block with this practical resource that includes more than 100 planning tools matrixes rubrics templates and choice boards for differentiating instruction during extended learning blocks *Literacy Assessment and Metacognitive Strategies* Stephanie L. McAndrews, 2020-06-25 Packed with useful tools this practitioner guide and course text helps educators assess and teach essential literacy skills and strategies at all grade levels PreK-12 All six literacy modalities are addressed listening speaking reading writing viewing and visually representing Chapters on specific literacy processes integrate foundational knowledge

assessments and strategies for students who need support in literacy including English language learners Presented are dozens of authentic assessments along with differentiation ideas In a large size format for easy photocopying the book features more than 70 reproducible assessment forms and resources Purchasers get access to a webpage where they can download and print the reproducible materials

Cases on Building Quality Distance Delivery Programs: Strategies and Experiences Huffman, Stephanie, Albritton, Shelly, Wilmes, Barbara, Rickman, Wendy, 2010-12-31 This book targets pressing needs in distance education by connecting theory and practice addressing emerging leadership issues and identifying best practices in teaching and learning Provided by publisher

Models, Strategies, and Methods for Effective Teaching Hellmut R. Lang, David N. Evans, 2006 Practical in approach this text focuses on how both pre service and experienced teachers can demonstrate the attributes acquire the competencies and meet the standards essential to effective teaching The framework for the text is the Teacher Competency Profile Chapter by chapter the essential knowledge and skills for effective teaching are presented Each chapter contains recent research and best practice information with respect to the theme discussed This is followed within each chapter with guidelines for teaching practical approaches to information extensive examples cases and activities The sequential framework guides the pre service student s professional development from basic teaching approaches to sophisticated strategies methods and skills By identifying the essential competencies of teaching and providing guidelines for meeting professional standards this text is also of value for use in seminars workshops and professional reading by practicing teachers

Math Workshop in Action Nicki Newton, 2015-07-03 Find out how Math Workshops engage students and increase learning This practical book from bestselling author Dr Nicki Newton explains why Math Workshops are effective and gives you step by step instructions for implementing and managing your own workshop You ll find out how to create a math rich environment use anchor charts effectively manage the workshop begin a workshop with activities lead whole group mini lessons make workstations meaningful and engaging create guided math groups implement the Share effectively and ensure balanced assessments Each chapter offers a variety of charts and tools that you can use in the classroom immediately as well as reflection questions and key points The book also features a handy Quick Start Guide to help you as you implement your own workshop

Teaching Children Mathematics, 2008-08 *Evidence Based Teaching* Geoffrey Petty, 2006 Evidence Based Teaching brings together UK developed strategies ideas and advice providing general principles for teaching as well as very specific methods all of which can substantially improve teaching and a few of which are in common use in the UK The book demonstrates how to teach school effectiveness and school improvement research It also shows how to teach thinking skills multiple representations and constructivism The book also examines the best practice in UK university and further education FE teaching

Writing is Magic Serina Tang, 2008 *A Practical Guide for Special Education Professionals* Lisa Churchill, Rita Mulholland, Michelle R. Cepello, 2008 A Practical Guide for Special Education Professionals is a resource guidebook the

purpose of which is to provide practical information and suggestions to help the special education teacher survive and eventually succeed in the school and classroom setting This book is written to be used as a quick reference Thus the chapters are presented in a brief user friendly format The guidebook s content presents an overview of the major elements in special education The Individualized Education Program IEP Classroom and Individual Behavior Management Assessment for Instruction Supervision of Paraprofessionals Instructional Planning and Strategies Collaborative Consultation Home School Partnerships and Stress Reduction Strategies and Time Management Techniques Each chapter prepares the teacher to work effectively in special education by supplying strategies and practical tips for working directly with pupils and other adults in the educational setting Features Guidebook s content presents an overview or big picture of the major elements in the field of special education Selected topics are essential for teacher survival and readily applicable to the classroom setting Gives a quick user friendly reference and overview for teaching students with special needs as well as for working successfully with adults One chapter does not rely on information contained in a previous chapter Allows teachers to access chapter materials in on an individualized as needed basis Beginning special education teachers need it all and the sooner the better The organization of the book permits teachers to quickly reference chapter contents and obtain practical information and resources to assist their daily activities Teaching Tips Forms Charts and Tables that summarize and underscore information for the reader Enables teachers to easily find solutions to the problems encountered in their work including working with students parents other teachers administrators paraprofessionals The authors consider the IEP the heart of special education The chapter on IEP Legal and Pragmatic Issues provides up to date information and practical suggestions and forms to guide the special education teacher to successfully participate in this process and complete the required paperwork This chapter takes the teacher step by step through the IEP meeting process and assists in understanding Present Levels of Performance PLEP Response to Intervention RtI and Writing Monitoring and Reporting IEP Goals Gives clear concise information on the IEP process and document and demystifies the IEP Provides professors with useful tools for instruction on the IEP Two features that emphasize reflection are Take A Moment and Explorations Both provide focused questions and structured activities to promote self reflection and application of the chapters content Provides teachers with an understanding of their roles and responsibilities as a special educator by reflecting on content through focused questions and applicable activities Chapter on stress reduction strategies and time management techniques addresses the overwhelmed feeling that most special educators experience as they enter the profession Provides tips and strategies for improving multitasking skills Technology tools and resources are featured in the book Assisted Technology Universal Design Grading Websites and Web Site Resources are described

Curriculum, Assessment, and Instruction for Students with Disabilities June L. Bigge, Colleen Shea Stump, 1999 This book combines curriculum and instruction studies with assessment which is very popular in higher education today New laws in special education focus on assessment and the new tools and forms provided

here Strategies and practical applications for teaching special education are combined in one source Teaching Strategies Donald C. Orlich,1998 Universal Teaching Strategies H. Jerome Freiberg,Amy Driscoll,2000 This book presents teaching from three specific actions Organizing Instructing and Assessing and is divided into three sections which reflect each of these teaching actions The strategies presented in each section are truly universal in nature they cut across grade levels subject areas and teaching situations The book emphasizes Context Content and Learner as essential elements in the decision making process This book bridges the gap between theory research and practice with clear and effective writing and a framework that combines the context content and learner with what teachers need in the real world organizing instructing and assessing Universal Teaching Strategies expands both the pedagogical teaching knowledge of teachers and their instructional repertoires For the continuing education of pre service and in service teachers **K-12 Classroom Teaching** Andrea M. Guillaume,2008 K 12 Classroom Teaching A Primer for New Professionals is a teaching guide written in clear reader friendly language In the Primer readers explore key aspects of classroom teaching including the context of teaching today strategies for learning about students planning and assessment instruction and instructional strategies classroom management finding a personal educational stance and growing professionally Each chapter is designed to cover the material thoroughly and concisely so that readers can make the best use of their time This book encourages readers to reflect on their past experiences to question their assumptions to consider multiple sources of information and to commit to enacting well defined notions of good practice that address learners diverse needs while honoring the dignity of the human experience

Earth's Waters: Teacher's ed ,2005 The Systematic Identification and Articulation of Content Standards and Benchmarks John S. Kendall,Robert J. Marzano,1995 Sedletter ,2004 **Educational Assessment of Students** Anthony J. Nitko,1996 **Best Practices in Literacy Instruction, Third Edition** Linda B. Gambrell,Lesley Mandel Morrow,Michael Pressley,2007 Now in a thoroughly revised and expanded third edition this evidence based book distills the latest knowledge about literacy teaching and learning into clear strategies for helping all children succeed Within a comprehensive conceptual framework the field s leading authorities provide eminently practical recommendations to guide instructional decision making The third edition has been fully updated with current research findings policy issues and program innovations It offers significantly revised coverage of assessment motivation approaches to integrating different kinds of texts and multimedia resources and adolescent literacy New chapters address working with English language learners and supporting teachers professional development Also featured is a new concluding commentary by Michael Pressley

Marzano Strategies Chart Book Review: Unveiling the Magic of Language

In a digital era where connections and knowledge reign supreme, the enchanting power of language has become much more apparent than ever. Its capability to stir emotions, provoke thought, and instigate transformation is actually remarkable. This extraordinary book, aptly titled "**Marzano Strategies Chart**," published by a highly acclaimed author, immerses readers in a captivating exploration of the significance of language and its profound effect on our existence. Throughout this critique, we shall delve into the book's central themes, evaluate its unique writing style, and assess its overall influence on its readership.

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