Promoting Active Learning Strategies For The College Classroom

The creation of a successful learning environment involves the examination and improvement upon current teaching practices. As new strategies emerge, it becomes imperative to incorporate them into the classroom. Student-Driven Learning Strategies for the 21st Century Classroom provides a thorough examination of the benefits and challenges experienced in learner-driven educational settings and how to effectively engage students in these environments. Focusing on technological perspectives, emerging pedagogies, and curriculum development, this book is ideally designed for educators, learning designers, upper-level students, professionals, and researchers interested in innovative approaches to student-driven education.

Promoting Active LearningStrategies for the College ClassroomJossey-Bass This monograph examines the nature of active learning at the higher education level, the empirical research on its use, the common obstacles and barriers that give rise to faculty resistance, and how faculty and staff can implement active learning techniques. A preliminary section defines active learning and looks at the current climate surrounding the concept. A second section, entitled "The Modified Lecture" offers ways that teachers can incorporate active learning into their most frequently used format: the lecture. The following section on classroom discussion explains the conditions and techniques needed for the most useful type of exchange. Other ways to promote active learning are also described including: visual learning, writing in class, problem solving, computer-based instruction, cooperative learning, debates, drama, role playing, simulations, games, and peer teaching. A section on obstacles to implementing active learning techniques leads naturally to the final section, "Conclusions and Recommendations," which outlines the roles that each group within the university can play in order to encourage the implementation of active learning strategies. The text includes over 200 references and an index. (JB).

Use your course's big ideas to accelerate students' growth as writers and critical thinkers The newly revised third edition of Engaging Ideas delivers a step-by-step guide for designing writing assignments and critical thinking activities that engage students with important subject-matter questions. This new edition of the celebrated book (now written by the co-author team of Bean and Melzer) uses leading and current research and theory to help you link active learning pedagogy to your courses' subject matter. You'll learn how to: Design formal and informal writing assignments that guide students toward thinking like experts in your discipline Use time-saving strategies for coaching the writing process and handling the paper load including alternatives to traditional grading such as portfolio assessment and contract grading Help students use self-assessment and peer response to improve their work Develop better ways than the traditional research paper to teach undergraduate reading and research Integrate social

media, multimodal genres, and digital technology into the classroom to promote active learning This book demonstrates how writing can easily be integrated with other critical thinking activities such as inquiry discussions, simulation games, classroom debates, and interactive lectures. The reward of this book is watching students come to class better prepared, more vested in the questions your course investigates, more apt to study purposefully, and more likely to submit high-quality work. Perfect for higher education faculty and curriculum designers across all disciplines, Engaging Ideas will also earn a place in the libraries of graduate students in higher education.

Geographic Information Science and Technology (GISc&T) has been at the forefront of education innovation in geography and allied sciences for two decades. Teaching Geographic Information Science and Technology in Higher Education is an invaluable reference for educators and researchers working in GISc&T, providing coverage of the latest innovations in the field and discussion of what the future holds for GI Science education in the years to come. This book clearly documents teaching innovations and takes stock of lessons learned from experience in the discipline. The content will be of interest both to educators and researchers working in GISc&T, and to educators in other related fields. More importantly, this book also anticipates some of the opportunities and challenges in GI Science and Technology education that may arise in the next decade. As such it will be of interest to chairs, deans, administrators, faculty in other subfields, and educators in general. Innovative book taking a look at recent innovations and teaching developments in the course provision of GI Science and Technology in higher education. Edited by leaders in the field of GISc&T who have been at the forefront of education innovation in GI Science and allied science subjects. Provides coverage of GISc & Technology in a range of institutional settings from an international perspective at all levels of higher education. An invaluable text for all educators within the field of GISc&T and allied subjects with advice from experts in the field on best practice. Includes coverage and practical advice on curriculum design, teaching with GIS technology, distance and eLearning with global examples from leading academics in the field.

"By examining a variety of active learning strategies, this thesis with an application emphasis explores the best practice strategies to promote active learning in a middle school classroom. Research supporting active learning, concerns for implementing, and practical applications for integration in the classroom are examined. A literature review of the four best practices conducive to active learning in a middle school classroom - problem-based learning, peer teaching, cooperative learning, and reflective journaling - are the focus of this thesis. The four best practices conducive to active learning were incorporated into a 7th grade map skills unit and implemented over a period of five weeks. The active learning strategies implemented were highly effective in increasing and maintaining student motivation and engagement. The limitations of research in

this field of study, as well as suggestions for further research and implications for professionals, are also discussed."--leaf 4.

New Designs for Teaching and Learning offers a practical survey of the most important trAnds in education--including critical thinking, cooperative learning, and portfolio assessment--and shows how they can be translated into classroom practice. The book will help educators design classroom programs that foster teamwork and thinking while getting children actively involved in their own learning.Providing specific classroom activities at the And of each chapter, Dennis Adams and Mary Hamm show how these new instructional developments can be specifically applied to the content areas. They suggest concepts and techniques that can be used in math, science, reading and writing, and the arts. They examine how electronic media such as television, computers, and interactive telecommunication are transforming learning. And they discuss the topic of social responsibility and citizenship education.Successful teaching goes beyond the mere transmission of knowledge. By presenting a more dynamic view of teaching and learning, the authors open a world of possibilities for today's teachers and students.

This accessible and informative guide provides lecturers with a range of practical strategies to promote effective learning in the FE classroom. Mark Weyers introduces the learning theories that underlie these strategies, and considers how they can best be applied practically in the classroom, and what place they have within a standardized curriculum. He offers advice on planning interesting lessons and learning tasks that also meet exam board specifications. This book should prove essential reading for every lecturer in FE!

This book focuses on large and small group educational settings and offers brief strategies to engage learners to assure active learning strategies are core to the learning environment. The book opens with an introduction on active learning principles. Each chapter follows with a specific description of a strategy written by authors who are experienced in using the strategy in a classroom environment with students. The chapters are designed to be accessible and practical for the reader to apply in their learning environments.

Shift Students' Roles from Passive Observers to Active Participants. Preparing students for a world that did not exist when they were students themselves can be challenging for many teachers. Engaging students, particularly disinterested ones, in the learning process is no easy task, especially when easy access to information is at an all-time high. How then do educators simultaneously ensure knowledge acquisition and engagement? Ron Nash encourages teachers to embrace an interactive classroom by rethinking their role as information givers. The Interactive Classroom provides a framework for how to influence the learning process and increase student participation by sharing • Proven strategies for improving presentation and facilitation skills • Kinesthetic, interpersonal, and classroom management methods • Brain-based teaching strategies that promote active learning • Project-based learning and formative assessment techniques that promote a robust learning environment Intended to cultivate an interactive classroom in which students take an active role in learning, this book provides a blueprint for educators seeking to amplify student engagement while imparting critical twenty-first century skills.

Assessment is the daily life of a teacher; designing plans, setting questions, giving feedback and grading are all activities that teachers undertake on a regular basis. This book provides a practical guide on the effective use of assessment. It includes the use of assessment tools and pedagogical design that help students deepen their learning. Major issues on assessment and

some excellent examples are presented as a useful resource to university teachers in enhancing teaching and students' learning.

How can we structure class time efficiently? How can we explain and lecture effectively? How can we help students master content? How can we make learning more real and lasting? In this revised and greatly expanded 2nd edition of Inspiring Active Learning, educators Merrill Harmin and Melanie Toth provide answers to our fundamental teaching questions and show us how to transform our classrooms into communities of active, responsible learners. The authors present an array of research-based, teacher-tested strategies for managing our everyday responsibilities--from beginning a class to grading homework, from instructing large groups to promoting diligent seatwork, from motivating slackers to handling disrupters. These strategies focus on mutual respect, not bossiness; collaboration, not isolation; commitment to learning, not fear of failure; and the dignity of all, not praise or rewards for a few. Regardless of our level of experience or the grade or subject we teach, the active-learning approach helps us * Perform routine teaching tasks more easily. * Discover a higher level of teaching success and personal satisfaction. * Establish a class climate of full participation and cooperation. * Prepare engaging lessons that keep students productively involved. * Encourage students to work energetically, willingly, and intelligently each day. * Inspire all students, even the most challenging, to strive for excellence. With its detailed classroom examples and more than 250 practical strategies, Inspiring Active Learning is a comprehensive reference for solving almost any teaching problem.

In modern education approach, development in the modern science and technology is directly related with the getting a success on the science education is accepted. So, all societies should be able to develop, understand and use the technology, and each person in the society should be literate of the science in today's world. Therefore, learners of educational institutions / organizations should be grown having specific features like problem solving skills, critical thinking, creativity, independence, self confidence abilities. As a result having these skills and abilities depend on to have a learning process which have developed perfectly. In science education, instead of teacher-centered methodologies, learner centered ones should be included. This idea refers to active learning. The idea is to bring together the international group to share experiences and work together in the field of effective use of active learning applications in science education arose Life Long Learning programme Leonardo da Vinci Project. During the project, the contact pearson of each institution, Meryem Nur AYDEDE YALÇIN from Nigde University (Turkey), Elena Anghel from Training cons. 2005 (Romania), Giuseppe DOTI from Associazione Antares (Italy), Vida DR?SUT?, Vš? eMundus (Lithuania), Pedro José LEIVA PADILLA, Leiva Formacion (Spain), Christos NICOLAIDES, Dekaplus Business Services LTD (Cyprus), János PALOTÁS, Foundation of Knowledge (Hungary), Oana Cristina TURTOI, Repere Association Bacau Branch (Romania), Danut? VIZMANAIT?, Trak? švietimo centras (Lithuania) discussed the lots of situations in effectiveness of active learning in different European Regions. This book brings some new views to active learning approach with the selection of the outputs of this project. You can find different usage of active learning applications of seven different countries (Turkey, Romania, Spain, Italy, Hungary, Lithuania and Cyprus) in this book.

Master's Thesis from the year 2014 in the subject Pedagogy - Miscellaneous Topics, grade: Pass, , course: TESOL Young Learners, language: English, abstract: The basis of the research study aims to evaluate a new 'ESL Curriculum for Young Learners' resulting in the creation of an accompanying syllabus for the curriculum and the development of 'Active Learning Strategies' lesson plans that root their success in the research of Vygotsky, Gardner and Piaget. The research will follow three phases of investigation. Phase I is the creation of materials such as questionnaires for parents, administrator interview, peer observation of the teacher by a professional in the field and reflective inquiry in the form of a teacher's journal.

Phase II of the research monitors the implementation of pre-tests and post-tests to gauge the accuracy of the statistical data followed by Phase III which will present and evaluate various treatments in an attempt to arrive at positive outcomes. Treatments incorporated detailed quantitative and qualitative data to explore the implementation of a new ESL curriculum for young learners. Data collecting included a pre-test and post-test analysis and formative assessment criteria and data reporting, while a parent questionnaire, peer review, interviews with the director of the program and a student portfolio yielded additional information. Data analysis consisted of recording percentage, mean and standard deviation. A teachers log and a self reflective journal also made an impact in evaluating the qualitative data. The participants in the study were two pre-school classes of children from ages 4 and 5 years (total 24). These children attend a private institution and they are part of the Native Speaker Program at the school. The school is located in Northern Thailand in the city of Chiang Mai. Participant's progress was tracked over a two term period (2011-2012) to compare the old curriculum results and evaluations using an updated, newly revised curriculum based on the current European Framework and contemporary research in reputable published academic journals. Themes addressed in the research are teaching young learners, teacher critical self-reflection, review of statistical data and evaluations written in a teachers log for the past two years. Maintaining the motivation level of young children learning English as they prepare for a future where English language competence is monitored and mandated by the Thai government will be examined as well as sub- topics like classroom management and teacher enthusiasm. Innovation in higher education is a process of institutional adaptation to changes in the environment that enables higher education institutions to improve their existing practice and to be innovative at different levels and in different forms. Moreover, innovativeness is also related to internal characteristics of higher education institutions. Innovation in higher education can be observed as a result of the changing contexts in which higher education institutions function. Adjacently, a comprehensive approach to considering innovativeness is needed in order to enable the examination of different elements of innovativeness in higher education, that is, to identify the key factors that (de)stimulate innovations and affect their interactions with other relevant stakeholders at the national level and beyond. The Handbook of Research on Enhancing Innovation in Higher Education Institutions is a critical scholarly book that examines innovativeness in higher education and its complications and diversity. Starting from the view that higher education is currently confronted by global forces that require new research ideas, the publication suggests that comprehensive understanding of innovativeness is imperative for higher education?s institutions in the 21st century. Analyzing the recognized trends within the publication and concluding which aspects should be taken to improve innovativeness in higher education, this reference book outlines quality and innovation in teaching, innovative university-business cooperation, institutional framework and governance of higher education institutions, knowledge management, and leadership and organizational culture. It is ideal for curriculum designers, administrators, researchers, policymakers, academicians, professionals, and students.
This book offers a practical guide to successful strategies for active learning. Presenting a wide range of teaching tools- including problem-solving exercises, cooperative student projects informal group work, simulations, case studies, role playing, and similar activities that ask students to apply what they are learning - Promoting Active Learning draws on the classroom experiences and tips of teachers from a variety of disciplines.
Translating brain research into best practice, this book offers teachers a concise

Strategic Learning Model for the active transfer of knowledge to students' long-term memory.

The goal of the book is simple: To improve student achievement by helping teachers implement active learning strategies in the classroom. To begin, consider the following two questions in relation to your own classroom: 1. Are your students actively engaged throughout the entirety of your daily lessons? 2. Are students meeting your highest expectations regarding achievement? If you answered 'no' to either or both of these questions, you are not alone. Classroom teachers at all levels are challenged with low student engagement, resulting in low student achievement. Numerous studies indicate a positive correlation between engagement and achievement. For this reason, the teacher is the most important component of the learning process, as he/she is ultimately responsible for creating an atmosphere conducive to student achievement. Active Learning has proven to be one of the most important tools for engaging students, promoting skills in motivation, higher-order thinking, communication, creative thinking, and problem-solving. Most teachers agree that these skills are essential for increasing student achievement; however, these skills are difficult to foster in the traditional 'sage on a stage' model. Educators must learn to adopt a new 'guide on the side' teaching paradigm whereby traditional instruction is supplemented by active learning strategies. Active Teaching and Active Learning Strategies: Creating a Blueprint for Success is the cumulative result of a year of reflecting, asking, and listening to questions, and comments, that many have concerning the education of our youth. The book's genesis however, started many years ago as the state of California, along with many other states, embraced a standards based accountability system. This accountability has now been coupled with the recent addition of The No Child Left Behind Legislation. In a real sense, we are entering both the best and worst of times. I say this because of the effects of high-stakes testing and the requirement that all students reach high levels of proficiency which admittedly, are very lofty goals. For this to be realized, changes will be required in teaching and assessment, as well as a more concentrated focus on student learning. The instructional design introduced in this book advocates four components: academic, social/collaborative, contextual, and cognitive/developmental. These components work in tandem with Active Teaching and Learning Strategies. Combined, they form a student responsive instructional methodology, which optimizes student success, and academic achievement. We wanted to create a book that demonstrated to those of us in the field of education the value of looking at academic standards with data about our students, and reflecting on how this information should influence our choices concerning instructional practices and our perceptions about the students that we are entrusted with. The focus of this endeavor is to see all students achieve and succeed, and to keep passion and compassion at the heart of all that we do. It is the premise of this book that the difference between effective and outstanding teachers are that outstanding teachers care, know how to utilize data, practice active teaching strategies, and promote the active learning of students. Together these characteristics became the design, and course of action, that Created a Blueprint for Success.

The book that set the standard for those working toward certification in special education has been revised and updated to meet the needs of a new generation of teachers and students. A cross-categorical emphasis that makes it suitable for a broad

number of courses-including those aimed at teaching students with related disabilities and those teaching students on the Autism Spectrum. The authors describe the characteristics of learning disabilities as well as other disabilities, and offer practical teaching strategies for general education and special education teachers, school psychologists, administrators, and related professionals. Pre-service and in-service classroom teachers, who are increasingly responsible for teaching students with special needs within general education or inclusive classrooms, will find LEARNING DISABILITIES AND RELATED DISABILITIES: STRATEGIES FOR SUCCESS, 13th Edition, especially helpful. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version. "This book focuses on an in-depth assessment on strategies and instructional design practices appropriate for the flipped classroom model, highlighting the benefits, shortcoming, perceptions, and academic results of the flipped classroom model"--Provided by publisher.

Kipp Herreid learned other ways to teach- much better ways. His favorite approach puts science in vivid context through case studies, which he calls "stories with an educational message." This compilation of 40-plus essays examines every aspect of the case study method.--[back cover].

A guide to the Internet for teachers gathers lesson plans and advice on Internet-based projects, students' Web pages, computer technology, and promoting active learning strategies in students from Kindergarten through the twelfth grade

As today's teachers prepare to instruct a new generation of students, the question is no longer whether technology should be integrated into the classroom, but only "how?" Forced to combat shorter attention spans and an excess of stimuli, teachers sometimes see technology as a threat rather than a potential enhancement to traditional teaching methods. The Handbook of Research on Educational Technology Integration and Active Learning explores the need for new professional development opportunities for teachers and educators as they utilize emerging technologies to enhance the learning experience. Highlighting the advancements of ubiquitous computing, authentic learning, and student-centered instruction, this book is an essential reference source for educators, academics, students, researchers, and librarians.

The notion of a flipped classroom draws on such concepts as active learning, student engagement, hybrid course design, and course podcasting. The value of a flipped class is in the repurposing of class time into a workshop where students can inquire about lecture content, test their skills in applying knowledge, and interact with one another in hands-on activities. The Handbook of Research on Active Learning and the Flipped Classroom Model in the Digital Age highlights current research on the latest trends in education with an emphasis on the technologies being used to meet learning objectives. Focusing on teaching strategies, learner engagement, student interaction, and digital tools for learning, this handbook of research is an essential resource for current and future educators, instructional designers, IT specialists, school administrators, and researchers in the field of education.

In this much needed resource, Maryellen Weimer-one of the nation's most highly regarded authorities on effective college teaching-offers a comprehensive work on the topic of learner-centered teaching in the college and university classroom. As the author explains, learner-centered teaching focuses attention on what the student is learning, how the student is learning, the conditions under which the student is learning, whether the student is retaining and applying the learning, and how current learning positions the student for future learning. To help educators accomplish the goals of learner-centered teaching, this important book presents the meaning, practice, and ramifications of the learner-centered approach, and how this approach transforms the college classroom environment. Learner-Centered Teaching shows how to tie teaching and curriculum to the process and objectives of learning rather than to the content delivery alone. This book focuses on selected best practices for effective active learning in Higher Education. Contributors present the epistemology of active learning along with specific case studies from different disciplines and countries. Discussing issues around ICTs, collaborative learning, experiential learning and other active learning strategies. This book explores evidence-based practice in college science teaching. It is grounded in disciplinary education research by practicing scientists who have chosen to take Wieman's (2014) challenge seriously, and to investigate claims about the efficacy of alternative strategies in college science teaching. In editing this book, we have chosen to showcase outstanding cases of exemplary practice supported by solid evidence, and to include practitioners who offer models of teaching and learning that meet the high standards of the scientific disciplines. Our intention is to let these distinguished scientists speak for themselves and to offer authentic guidance to those who seek models of excellence. Our primary audience consists of the thousands of dedicated faculty and graduate students who teach undergraduate science at community and technical colleges, 4-year liberal arts institutions, comprehensive regional campuses, and flagship research universities. In keeping with Wieman's challenge, our primary focus has been on identifying classroom practices that encourage and support meaningful learning and conceptual understanding in the natural sciences. The content is structured as follows: after an Introduction based on Constructivist Learning Theory (Section I), the practices we explore are Eliciting Ideas and Encouraging Reflection (Section II); Using Clickers to Engage Students (Section III); Supporting Peer Interaction through Small Group Activities (Section IV); Restructuring Curriculum and Instruction (Section V); Rethinking the Physical Environment (Section VI); Enhancing Understanding with Technology (Section VII), and Assessing Understanding (Section VIII). The book's final section (IX) is devoted to Professional Issues facing college and university faculty who choose to adopt active learning in their courses. The common feature underlying all of the strategies described in this book is their emphasis on actively engaging students who seek to make sense of natural objects and events. Many of the strategies we

highlight emerge from a constructivist view of learning that has gained widespread acceptance in recent years. In this view, learners make sense of the world by forging connections between new ideas and those that are part of their existing knowledge base. For most students, that knowledge base is riddled with a host of naïve notions, misconceptions and alternative conceptions they have acquired throughout their lives. To a considerable extent, the job of the teacher is to coax out these ideas; to help students understand how their ideas differ from the scientifically accepted view; to assist as students restructure and reconcile their newly acquired knowledge; and to provide opportunities for students to evaluate what they have learned and apply it in novel circumstances. Clearly, this prescription demands far more than most college and university scientists have been prepared for.

Presents learning activities for the beginning and middle of a teaching session in a middle or secondary classroom, and features concluding exercises to encourage reflection, retention, and application.

Once considered disruptive to learning, technology has increasingly become an integrated and valued part of the modern classroom. In particular, mobile technologies provide the ability to encourage evocative student learning through new experiences. Promoting Active Learning through the Integration of Mobile and Ubiquitous Technologies showcases the widely varied ways that technology can be applied to enhance classroom learning. Closely examining and critiquing the best methods in assimilating technologies, this publication is a valuable resource for faculty, teachers, administrators, technology staff, directors of learning centers, and other education technology leaders interested in incorporating new technologies within the classroom for engaging student learning.

A professional development resource provides the knowledge and instructional tools to improve teaching and learning in reading.

The mission of higher education in the 21st century must focus on optimizing learning for all students. In a shift from prioritizing effective teaching to active learning, it is understood that computer-enhanced environments provide a variety of ways to reach a wide range of learners who have differing backgrounds, ages, learning needs, and expectations. Integrating technology into teaching assumes greater importance to improve the learning experience. Optimizing Higher Education Learning Through Activities and Assessments is a collection of innovative research that explores the link between effective course design and student engagement and optimizes learning and assessments in technology-enhanced environments and among diverse student populations. Its focus is on providing an understanding of the essential link between practices for effective "activities" and strategies for effective "assessments," as well as providing examples of course designs aligned with assessments, positioning college educators both as leaders and followers in the cycle of lifelong learning. While highlighting a broad range of topics including collaborative teaching, active learning, and flipped classroom methods, this book is ideally designed for educators, curriculum developers, instructional designers, administrators, researchers, academicians, and students.

This exciting new book explores how students can use everyday objects to answer

essential questions, meet curriculum standards, and grow in observation, inquisitiveness, and reflective learning.

Keeping students involved, motivated, and actively learning is challenging educators across the country,yet good advice on how to accomplish this has not been readily available. Student Engagement Techniques is a comprehensive resource that offers college teachers a dynamic model for engaging students and includes over one hundred tips, strategies, and techniques that have been proven to help teachers from a wide variety of disciplines and institutions motivate and connect with their students. The ready-to-use format shows how to apply each of the book's techniques in the classroom and includes purpose, preparation, procedures, examples, online implementation, variations and extensions, observations and advice, and key resources. "Given the current and welcome surge of interest in improving student learning and success, this guide is a timely and important tool, sharply focused on practical strategies that can really matter." ?Kay McClenney, director, Center for Community College Student Engagement, Community College Leadership Program, the University of Texas at Austin "This book is a 'must' for every new faculty orientation program; it not only emphasizes the importance of concentrating on what students learn but provides clear steps to prepare and execute an engagement technique. Faculty looking for ideas to heighten student engagement in their courses will find usefultechniques that can be adopted, adapted, extended, or modified." ?Bob Smallwood, cocreator of CLASSE (Classroom Survey of Student Engagement) and assistant to the provost for assessment, Office of Institutional Effectiveness, University of Alabama "Elizabeth Barkley's encyclopedia of active learning techniques (here called SETs) combines both a solid discussion of the research on learning that supports the concept of engagement and real-life examples of these approaches to teaching in action." ?James Rhem, executive editor, The National Teaching & Learning Forum
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