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Karen Kearns



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Learning to Teach Mathematics in the Secondary School combines theory and practice to present a broad introduction to the opportunities and challenges of teaching mathematics in the secondary school classroom This fourth edition has been fully updated to reflect the latest changes to the curriculum and research in the field taking into account key developments in teacher training and education including examinations and assessment Written specifically with the new and student teacher in mind the book covers a wide range of issues related to the teaching of mathematics such as why we teach mathematics the place of mathematics in the National Curriculum planning teaching and assessing for mathematics learning how to communicate mathematically using digital technology to advance mathematical learning working with students with special educational needs post 16 teaching the importance of professional development the affective dimension when learning mathematics including motivation confidence and resilience Already a major text for many university teaching courses this revised edition features a glossary of useful terms and carefully designed tasks to prompt critical reflection and support thinking and writing up to Masters Level Issues of professional development are also examined as well as a range of teaching approaches and styles from whole class strategies to personalised learning helping you to make the most of school experience during your training and beyond Designed for use as a core textbook Learning to Teach Mathematics in the Secondary School provides essential guidance and advice for all those who aspire to be effective mathematics teachers

The SENCO Survival Guide Sylvia Edwards, 2016-03-01 Still the best all round guide for SENCOs on the market Pippa Whittaker Curriculum Leader for Inclusion City Academy Bristol The SENCO Survival Guide is an informative resource fully updated with the new 2014 SEND Code of Practice and containing practical advice to help SENCOs manage their responsibilities and lead their school effectively towards a common goal In light of current developments this resource sets out the government's fresh agenda for whole school discussion and helps SENCOs in mainstream or special schools at every stage to manage changes in SEND policy and practice With up to date information on the changes taking place to support learners with SEN and disabilities this fully revised new edition also includes strategies to break the cycle of SEND low achievement advice on crucial aspects of the SENCO role including assessment provision mapping preparing for OFSTED disability discrimination and equality advice on training managing and deploying teaching assistants effectively ways in which the enhanced role of parents can be harnessed in order to achieve maximum success for learners with SEND This book will give SENCOs the confidence skills and knowledge to promote maximum achievement for learners with SEND in all schools across all key stages and will support them in their role to develop and shape their schools policies and practices on SEND This book will also be of use to other members of staff looking for practical strategies to raise the attainment of all pupils with SEN and disabilities

Teaching Mathematics Creatively Linda Pound, Trisha Lee, 2021-09-30 This revised

and updated third edition offers a range of strategies activities and ideas to bring mathematics to life in the primary classroom Taking an innovative and playful approach to maths teaching this book promotes creativity as a key element of practice and offers ideas to help your students develop knowledge understanding and enjoyment of the subject In the creative classroom mathematics becomes a tool to build confidence develop problem solving skills and motivate children The fresh approaches explored in this book include a range of activities such as storytelling music and construction elevating maths learning beyond subject knowledge itself to enable students to see mathematics in a new way Key chapters of this book explore Learning maths outdoors make more noise make more mess or work on a larger scale Everyday maths making sense of the numbers patterns shapes and measures children see around them Music and maths the role of rhythm in learning and music and pattern in maths Stimulating accessible and underpinned by the latest research and theory this is essential reading for trainee and practising teachers who wish to embed creative approaches to maths teaching in their classroom

Teaching in Lifelong Learning: A Guide to Theory and Practice James Avis, Roy Fisher and Ron Thompson, 2014-09-01 Teaching in Lifelong Learning 3e A guide to theory and practice James Avis, Roy Fisher, Ron Thompson, 2018-11-29 Addressing the Professional Standards for Teachers and Trainers this bestselling textbook helpfully balances theory and practice introducing key theories and concepts relating to learning and assessment as well as providing practical advice on teaching Extensively revised and updated to reflect the current educational policy environment this textbook for teaching provides thorough and extensive coverage of the topics for higher level awards in Education and Training The textbook provides a logical progression through the essential aspects of teaching such as planning and assessment it considers key related areas including teacher professionalism equality and diversity and mentoring and coaching and it presents this invaluable guidance in an accessible and readable format In outlining the challenges opportunities and debates in and around lifelong learning the editors and contributing authors draw on their extensive teaching experience as well as offering an evidence based approach with a wide range of research Teaching in Lifelong Learning A Guide to Theory and Practice is core reading for those teaching or preparing to teach in further higher and community education as well as in public sector contexts and in private training organisations including those studying for CertEd PGCE and related awards such as the Level 4 Certificate and Level 5 Diploma in Education and Training Teacher education in FE continues to be an important and unresolved issue and this book is a great asset in supporting individuals in understanding and developing their practices With a focus on developing critical inquiring practitioners the text reads like an experienced mentor sharing pointers questions and useful readings over a collegial cup of coffee Dr Tim Herrick Senior University Teacher University of Sheffield UK

A Concise Guide to Education Studies Duncan Hindmarch, Fiona Hall, Lynn Machin, Sandra Murray, 2025-02-28 This book explores key contemporary issues in education featuring the latest theoretical perspectives and policies aimed at supporting the professional development and understanding of those working or intending

to work in the education sector Both school and college based education have faced rapid change over the last few years A strong research base around the impact of these changes is emerging enabling a critically informed debate on policy and practice developments The book provides an up to date evidence based overview of key changes their underlying rationale and an examination of alternative viewpoints The content is concise and focused while still developing readers critical thinking skills through tasks embedded within each chapter as well as a distinct section on critical reflective thinking Other key topics include inclusion leadership community education comparative education research and education futures

Supporting Education Karen Kearns,2019-07-02 The new edition of Supporting Education is the perfect handbook for anyone who works with qualified teachers in a role supporting the education and development of school children Supporting Education 3e is written to support the Certificate III in Education Support qualification from the streamlined CHC Community Services Training Package It provides Education Support Workers with an overview of child development and how children learn as well an introduction to the key learning areas The text also links to new online support resources and information to help with teaching and class prep time Premium online teaching and learning tools are available on the MindTap platform Learn more about the online tools [cengage.com/au/learning/solutions](https://www.cengage.com/au/learning/solutions)

The Place of Ethics in Science Education Amanda McCrory,Michael J. Reiss,2023-08-24 Science education particularly school science education has long had an uneasy relationship with ethics being unsure whether to embrace ethics or leave it to others In this book the authors argue that while the methods of science and of ethics are very different ethics plays a key role in how science is undertaken and used And so ethics has a central place in science education whether we are talking of school science education for students of all ages or the informal science education that takes place in through internet books magazines TV and radio or in places such as hospitals and zoos Written for science educators based in schools and elsewhere the authors make no assumptions that the reader has any knowledge of ethics beyond the background understandings of morality that virtually all of us have Empowered with the knowledge shared in this book readers will feel confident about the place that ethics has in science education The authors provide a rich array of examples as to how science education both in school and out of school and for all ages can be enhanced through including teaching about ethics

Policy, Belief and Practice in the Secondary English Classroom Bethan Marshall,Simon Gibbons,Louise Hayward,Ernest Spencer,2018-11-01 Studies of comparative classroom practice in the teaching of secondary English are limited especially when it comes to exploration of the day to day practice of English teachers in the secondary classroom This book presents a case study analysis of secondary classroom practice in three countries Canada England and Scotland Each country has had different degrees of state involvement within the secondary English curriculum over the last twenty years England has had the highest degree of state involvement in that it has had several statutory national curricula and a variety of assessment regimes Scotland has had a non statutory curriculum and no national tests and Canada has had no national curriculum at all with education being

determined at province level and each province varying its policies The research adopts a case study approach involving both classroom observation and interviews with teachers Through this the authors explore the impact of state involvement on the reality of what happens in secondary English classrooms The book invites readers to consider the applicability of the findings to their own contexts to examine their own practice in the light of this and to consider the nature of the relationships

between policy personal belief and practice in the teaching of English **Learning to Teach History in the Secondary School** Terry Haydn, Alison Stephen, 2021-11-22 In some hands history can be an inspirational and rewarding subject yet in others it can seem dry and of little relevance Learning to Teach History in the Secondary School now in its fifth edition and established as one of the leading texts for all history student teachers enables you to learn to teach history in a way that pupils will find interesting enjoyable and purposeful It incorporates a wide range of ideas about the teaching of history with practical suggestions for classroom practice The fifth edition has been thoroughly updated in the light of recent developments in the field of history education The book contains chapters on Purposes and benefits of school history Planning strategies Teaching approaches and methods Developing pupils historical understanding Ensuring inclusion New technologies in the history classroom Assessment and examinations Your own continuing professional development Each chapter includes suggestions for further reading weblinks to useful resources and a range of tasks enabling you to put learning into practice in the classroom Written by experts in the field Learning to Teach History in the Secondary School offers all training and newly qualified teachers comprehensive and accessible guidance to support the journey towards becoming an inspirational and engaging history teacher **The Times Index** ,2005 Indexes the Times and its supplements

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