

abacus teacher training online

Revolutionizing Education: The Rise of Abacus Teacher Training Online

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Introduction:

The world of education is undergoing a digital transformation, and nowhere is this more evident than in the growing popularity of abacus teacher training online. This innovative approach to teacher development offers a multitude of benefits, impacting not only individual instructors but also the broader landscape of mathematics education. This article will delve into the implications of this online revolution, exploring its advantages, challenges, and the profound effect it has on the accessibility and quality of abacus instruction globally.

H1: The Expanding Reach of Abacus Teacher Training Online

Traditional abacus teacher training often involved lengthy, in-person workshops, limited by geographical constraints and scheduling difficulties. Abacus teacher training online, however, transcends these limitations. Through interactive online platforms, video lectures, downloadable resources, and virtual mentoring, aspiring abacus teachers worldwide can access high-quality training irrespective of their location or prior commitments. This democratization of access is particularly impactful in underserved communities and developing nations, where qualified abacus instructors might otherwise be scarce. The online format enables a wider pool of individuals—from experienced educators to passionate parents—to embark on this rewarding career path.

H2: Advantages of Online Abacus Teacher Training

The advantages of abacus teacher training online are numerous:

Flexibility and Convenience: Learners can access training materials at their own pace and convenience, fitting it around existing work or family commitments. This asynchronous learning model empowers individuals to manage

their learning journey effectively.

Cost-Effectiveness: Online training often proves significantly more affordable than traditional in-person programs, eliminating travel, accommodation, and other associated costs. This accessibility makes professional development attainable for a broader range of potential instructors.

Interactive Learning Environments: Many online programs incorporate interactive elements, including virtual classrooms, live Q&A sessions, and peer-to-peer learning forums. This collaborative approach fosters a sense of community and strengthens the learning experience.

Access to Global Expertise: Online platforms can bring together instructors and mentors from around the world, exposing learners to diverse teaching styles and best practices. This broadens perspectives and enhances the overall quality of instruction.

Technological Integration: Online training often integrates modern technology, such as interactive simulations and gamified learning modules, to make the learning experience more engaging and effective.

H3: Challenges and Considerations in Online Abacus Teacher Training

While abacus teacher training online offers significant advantages, challenges remain:

Maintaining Engagement: Sustaining learner engagement in a virtual environment requires careful course design and facilitation. Interactive activities and regular feedback are crucial to prevent learners from feeling isolated or disengaged.

Technical Proficiency: Successful participation in online training requires a certain level of technological literacy and access to reliable internet connectivity. This can present a barrier for some learners, necessitating robust technical support and accessible learning materials.

Assessing Practical Skills: Accurately assessing a learner's practical abacus skills in an online setting can be challenging. Innovative assessment methods, such as video submissions and virtual practical examinations, need to be developed and implemented effectively.

Maintaining Quality Control: The proliferation of online training programs necessitates rigorous quality control mechanisms to ensure that the programs meet high standards of pedagogical excellence and accuracy. Accreditation and certification processes can help ensure credibility.

H4: The Future of Abacus Teacher Training Online

The future of abacus teacher training online is bright. We can anticipate further innovation in learning technologies, leading to more immersive and engaging learning experiences. Artificial intelligence (AI) could play a significant role in personalizing learning pathways and providing tailored feedback to learners. Furthermore, the integration of virtual reality (VR) and augmented reality (AR) could revolutionize the way abacus skills are taught and practiced online. As technology continues to evolve, the

accessibility and quality of abacus teacher training online will undoubtedly continue to improve.

H5: Impact on the Abacus Industry

The rise of abacus teacher training online is significantly impacting the abacus industry. It is fostering a larger pool of qualified instructors, leading to increased accessibility of abacus education globally. This increased accessibility can result in a broader talent pool, improved educational outcomes, and a wider appreciation for the benefits of abacus learning.

Conclusion:

Abacus teacher training online represents a significant advancement in educational technology and teacher development. While challenges exist, the benefits of increased accessibility, flexibility, and cost-effectiveness far outweigh the drawbacks. As the technology continues to evolve, we can expect this trend to accelerate, shaping the future of mathematics education and empowering a new generation of abacus teachers worldwide. The positive implications for the abacus industry are undeniable, promising a future where more individuals can access the cognitive and mathematical benefits of this ancient tool.

FAQs:

1. What are the prerequisites for online abacus teacher training? Many programs require basic computer literacy and a passion for mathematics education. Some may have specific prior experience requirements.
1. How long does online abacus teacher training take? The duration varies depending on the program, ranging from a few weeks to several months.
1. Are online abacus teacher training programs accredited? Accreditation varies; some programs offer certifications, while others do not. It's crucial to check for accreditation before enrolling.
1. What kind of support is available during online abacus teacher training? Most programs provide ongoing support through forums, Q&A sessions,

email, and/or live mentoring.

1. How much does online abacus teacher training cost? The cost varies greatly depending on the program and provider.
1. Can I learn abacus online before becoming a teacher? Yes, many platforms offer abacus learning courses for individuals of all ages and skill levels.
1. What are the job prospects after completing online abacus teacher training? Job prospects depend on factors like market demand and your qualifications; potential opportunities include private tutoring, school teaching, and online instruction.
1. What software or tools are usually used in online abacus teacher training? Programs often utilize video conferencing platforms, learning management systems (LMS), and interactive whiteboard software.
1. How can I find a reputable online abacus teacher training program? Research reviews, compare program features, check accreditation, and look for programs with experienced instructors.

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abacus teacher training online: International Handbook of Mathematics Teacher Education: Volume 2 , 2019-12-16 This second edition of the International Handbook of Mathematics Teacher Education builds on and extends the topics/ideas in the first edition while maintaining the themes for each of the volumes. Collectively, the authors look back beyond and within the last 10 years to establish the state-of-the-art and continuing and new trends in mathematics teacher and mathematics teacher educator education, and look forward regarding possible avenues for teachers, teacher educators, researchers, and policy makers to consider to enhance and/or further investigate mathematics teacher and teacher educator learning and practice, in particular. The volume editors provide introductions to each volume that highlight the subthemes used to group related chapters, which offer meaningful lenses to see important connections within and across chapters. Readers can also use these subthemes to make connections across the four volumes, which, although presented separately, include topics that have relevance across them since they are all situated in the common focus regarding mathematics teachers. Volume 2, Tools and Processes in Mathematics Teacher Education, describes and analyze various promising tools and processes, from different perspectives, aimed at facilitating the mathematics teacher learning and development. It provides insights of how mathematics teacher educators think about and approach their work with teachers. Thus, as the second volume in the series, it broadens our understanding of the mathematics teacher and their learning and teaching.

abacus teacher training online: *Early Childhood Studies* Damien Fitzgerald, Heloise Maconochie, 2018-11-24 Focused on seeing children in the context of the world they live in, it provides students with a range of perspectives, insights and latest thinking. By doing this, it helps readers understand the complexities of early childhood and critically navigate the ever-changing policy and practice.

abacus teacher training online: *Supporting Early Mathematical Development* Caroline McGrath, 2010-07-12 Supporting Early Mathematical Development is an essential text for current Early Years practitioners and students, offering an excellent blend of theory and practice that will enable you to provide successful mathematical education for children from birth to eight years old. Charting the delivery of mathematical development in Playgroups, Children's Centres, Nurseries and Primary Schools, it forges links between current practice and fundamental Early Years principles and makes suggestions for creating effective pedagogies in maths teaching. Promoting mathematical development through play-based learning, this book presents: a wealth of practical multi-sensory teaching strategies instructional methodologies activity ideas incorporating play, books, songs, cookery and the outdoors examples of children's work advice on translating theory into practice questions for reflective practice. Throughout the book, Caroline McGrath breaks down the complexity of teaching and learning mathematics into simple steps and guides readers through possible gaps in their knowledge, bringing fresh enthusiasm to teaching mathematics. This is an invaluable resource for practitioners and trainee teachers wishing to strengthen their mathematical teaching and professional practice, or for students on a wide range of Early Years courses.

abacus teacher training online: *Curriculum, Learning, and Teaching Advancements in Online Education* Raisinghani, Mahesh S., 2013-02-28 Although web-based technologies have greatly influenced our society, only recently has its impact affected educational practices. Curriculum, Learning, and Teaching Advancements in Online Education highlights the models and frameworks that have been effective in the development of online education into the classroom. By bringing together knowledge and experience, this book allows educational technologies to be evaluated in a

more dynamic context. It is suitable for teachers, researchers, and academic experts interested in rethinking the fundamental processes of teaching and learning.

abacus teacher training online: *Computations and Computing Devices in Mathematics Education Before the Advent of Electronic Calculators* Alexei Volkov, Viktor Freiman, 2019-01-11 This volume traces back the history of interaction between the “computational” or “algorithmic” aspects of elementary mathematics and mathematics education throughout ages. More specifically, the examples of mathematical practices analyzed by the historians of mathematics and mathematics education who authored the chapters in the present collection show that the development (and, in some cases, decline) of counting devices and related computational practices needs to be considered within a particular context to which they arguably belonged, namely, the context of mathematics instruction; in their contributions the authors also explore the role that the instruments played in formation of didactical approaches in various mathematical traditions, stretching from Ancient Mesopotamia to the 20th century Europe and North America.

abacus teacher training online: Handbook of Research on Establishing Digital Competencies in the Pursuit of Online Learning Podovšovnik, Eva, De Giuseppe, Tonia, Corona, Felice, 2023-07-14 After two years of forced changes in the educational system and shifting to a new model where online learning became a reality, students and teachers gained a lot of experience and new insights into online learning. Thus, it is relevant for educators, managers of schools, and developers of online applications to understand what was learned during the pandemic in order to adapt to the new situation. The Handbook of Research on Establishing Digital Competencies in the Pursuit of Online Learning considers important lessons learned about online teaching during the pandemic, the experiences of educators, and the perspectives of students and teachers. The book also assists educators in designing their learning process for it to be more student- and teacher-oriented. Covering key topics such as technology, digital skills, and distance learning, this reference work is ideal for industry professionals, administrators, policymakers, principals, researchers, academicians, scholars, instructors, and students.

abacus teacher training online: *Teaching Learning for Effective Instruction* Michelle M. Buehl, Jane S. Vogler, 2022-10-01 Given the complexity of learning, an increasingly diverse student population, and growing demands on today’s teachers, educational psychology has never been more relevant for informing instructional practice. Notably, an understanding of learning, both what it is and how it occurs, is essential for teachers to design and implement effective instruction that is responsive to the needs of their learners. As part of the six-part series Theory to Practice: Educational Psychology for Teachers and Teaching, this volume highlights what and how teacher educators should teach about learning so that developing teachers will be more effective in their instructional practice. Preservice teachers represent a group of unique learners; in that they are learning about learning in order to support others’ learning. Similarly, teacher educators represent a unique group of educators in that they are guiding others in not just content knowledge but also in how to teach content across a variety of domains. As a means to highlight the ideas and constructs most essential for preservice teachers to learn, this volume was crafted for teacher educators, whether teaching educational psychology content incorporated into domain-specific courses or in a dedicated educational psychology course. Each chapter offers insight into what teachers need to know about learning as well as practical applications for how to teach the content. Chapters draw from a variety of theoretical perspectives about learning and identify common misconceptions that educational psychology instructors and teacher educators need to address in their work with preservice teachers. ENDORSEMENT: The volume takes an expansive and inclusive view of teacher education and highlights how educational psychology can contribute to conversations about learning, motivation, teaching, inquiry, cooperation and collaboration, study strategies, intercultural competence, assessment, and student perceptions. — Nancy E. Perry & Anita Woolfolk Hoy

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full nutritional information, and information on food allergies, strategies for picky eaters, and other useful tidbits.

abacus teacher training online: Why Don't Students Like School? Daniel T. Willingham, 2009-06-10 Easy-to-apply, scientifically-based approaches for engaging students in the classroom Cognitive scientist Dan Willingham focuses his acclaimed research on the biological and cognitive basis of learning. His book will help teachers improve their practice by explaining how they and their students think and learn. It reveals-the importance of story, emotion, memory, context, and routine in building knowledge and creating lasting learning experiences. Nine, easy-to-understand principles with clear applications for the classroom Includes surprising findings, such as that intelligence is malleable, and that you cannot develop thinking skills without facts How an understanding of the brain's workings can help teachers hone their teaching skills Mr. Willingham's answers apply just as well outside the classroom. Corporate trainers, marketers and, not least, parents -anyone who cares about how we learn-should find his book valuable reading. —Wall Street Journal

abacus teacher training online: Mentoring Mathematics Teachers Rosalyn Hyde, Julie-Ann Edwards, 2013-09-23 Designed to support both teachers and university-based tutors in mentoring pre-service and newly qualified mathematics teachers at both primary and secondary levels, Mentoring Mathematics Teachers offers straightforward practical advice that is based on practice, underpinned by research, and geared specifically towards this challenging subject area. Developed by members of The Association of Mathematics Education Teachers, the authors draw upon the most up-to-date research and theory to provide evidence-based practical guidance. Themes covered include: the recognition of the importance of pedagogical content knowledge building upon subject knowledge developing skills of self-evaluation in order to reflect and develop your own practice the on-going need to address issues of equity and diversity within the profession the need for pre-service teachers and their mentors to work together effectively as a partnership the importance of collaboration, shared goals, mutual benefit and growth. Addressing issues of mentoring for all trainee and practising mathematics teachers, Mentoring Mathematics Teachers demonstrates both the importance of mentoring in the development of new teachers of mathematics, but also the benefits to all those who involve themselves in this challenging and rewarding task.

abacus teacher training online: Handbook of Research on Special Education Teacher Preparation Paul T. Sindelar, Erica D. McCray, Mary T. Brownell, Benjamin Lignugaris/Kraft, 2014-03-05 The purpose of this seven-part handbook is to expand our knowledge of teacher education broadly by providing an in-depth look at the most up-to-date research on special education teacher preparation.

abacus teacher training online: Selected Regular Lectures from the 12th International Congress on Mathematical Education Sung Je Cho, 2015-07-16 This book comprises the full selected Regular Lectures from the Proceedings of the 12th International Congress on Mathematical Education (ICME-12), which was held at COEX in Seoul, Korea, from July 8th to 15th, 2012. ICME-12 brought together 4700 experts from 100 countries, working to understand all of the intellectual and attitudinal challenges in the subject of mathematics education as a multidisciplinary research and practice. These selected Regular Lectures present the work of fifty-one prominent mathematics educators from all over the globe. The Lectures cover a wide spectrum of topics, themes and issues and aim to give direction to future research towards educational improvement in the teaching and learning of mathematics education. This book is of particular interest to researchers, teachers and curriculum developers in mathematics education.

abacus teacher training online: Learn Better Ulrich Boser, 2017-03-07 For centuries, experts have argued that learning was about memorizing information: You're supposed to study facts, dates, and details, burn them into your memory, and then apply that knowledge at opportune times. But this approach to learning isn't nearly enough for the world that we live in today, and in Learn Better journalist and education researcher Ulrich Boser demonstrates that how we learn can matter just as much as what we learn. In this brilliantly researched book, Boser maps out the new

science of learning, showing how simple techniques like comprehension check-ins and making material personally relatable can help people gain expertise in dramatically better ways. He covers six key steps to help you “learn how to learn,” all illuminated with fascinating stories like how Jackson Pollock developed his unique painting style and why an ancient Japanese counting device allows kids to do math at superhuman speeds. Boser’s witty, engaging writing makes this book feel like a guilty pleasure, not homework. *Learn Better* will revolutionize the way students and society alike approach learning and makes the case that being smart is not an innate ability—learning is a skill everyone can master. With Boser as your guide, you will be able to fully capitalize on your brain’s remarkable ability to gain new skills and open up a whole new world of possibilities.

abacus teacher training online: The Cambridge Handbook of Computing Education Research Sally A. Fincher, Anthony V. Robins, 2019-02-13 This is an authoritative introduction to Computing Education research written by over 50 leading researchers from academia and the industry.

abacus teacher training online: Math Fact Fluency Jennifer Bay-Williams, Gina Kling, 2019-01-14 This approach to teaching basic math facts, grounded in years of research, will transform students' learning of basic facts and help them become more confident, adept, and successful at math. Mastering the basic facts for addition, subtraction, multiplication, and division is an essential goal for all students. Most educators also agree that success at higher levels of math hinges on this fundamental skill. But what's the best way to get there? Are flash cards, drills, and timed tests the answer? If so, then why do students go into the upper elementary grades (and beyond) still counting on their fingers or experiencing math anxiety? What does research say about teaching basic math facts so they will stick? In *Math Fact Fluency*, experts Jennifer Bay-Williams and Gina Kling provide the answers to these questions—and so much more. This book offers everything a teacher needs to teach, assess, and communicate with parents about basic math fact instruction, including The five fundamentals of fact fluency, which provide a research-based framework for effective instruction in the basic facts. Strategies students can use to find facts that are not yet committed to memory. More than 40 easy-to-make, easy-to-use games that provide engaging fact practice. More than 20 assessment tools that provide useful data on fact fluency and mastery. Suggestions and strategies for collaborating with families to help their children master the basic math facts. *Math Fact Fluency* is an indispensable guide for any educator who needs to teach basic math facts.

abacus teacher training online: The Routledge International Encyclopedia of Education Gary McCulloch, David Crook, 2013-11-26 The Routledge International Encyclopedia of Education is a unique and major resource for the field of education. It is a comprehensive, single-volume work, arranged alphabetically and comprising around 600 entries. The entries range from definitions of key educational concepts and terms to biographies of key educators and specially written substantial essays on major educational topics. The volume includes authoritative and critical commentary on historical and contemporary themes; examinations of continuities, changes and emerging issues; and discussions of the educational traditions and features of major countries and continents. The following special features are also included: Unrivalled coverage of education in a single volume Entries by leading international educational researchers Contributors drawn from all over the globe, including Australia, Brazil, Canada, China, Finland, India, Israel, Japan, New Zealand, South Africa, the United Kingdom and the United States A distinguished international advisory board Fully cross-referenced and indexed Suggestions for further reading Offering insight into the world of education in an interesting, informed and sometimes provocative way, The Routledge International Encyclopedia of Education is an invaluable work of reference for educators, students, researchers and policy makers in education and related fields internationally.

abacus teacher training online: Brainchild Shen-Li Lee, 2019-10-02 The 21st century is a challenging era and the competition is unyielding. As parents, we feel an urgency to prepare our children to face this world. We are constantly seeking the best schools, activities, and programs in the hope that they will give our children that extra leg-up in life. We believe that if we want our

children to thrive in this world, we must prepare them with every resource available to us. In our eagerness to provide everything our children might need, we have lost sight of the basic fundamentals that they require to flourish. Like planning a house to weather the storm, we must ensure that our children's foundations are strong. However, in our haste to cover every avenue that promises an advantage, we have unwittingly compromised that foundation. It's time to review what is working and what isn't. Supported by case studies and scientific research findings, Brainchild provides keen insights on how to nurture children to reach their full potential.

abacus teacher training online: Understanding Pedagogy Michael Waring, Carol Evans, 2014-10-30 What is meant by pedagogy? How does our conception of pedagogy inform good teaching and learning? Pedagogy is a complex concept of which student and practising teachers need to have an understanding, yet there remain many ambiguities about what the term means, and how it informs learning in the classroom. Understanding Pedagogy examines pedagogy in a holistic way, supporting a more critical and reflective understanding of teaching and learning. It considers pedagogy as a concept that covers not just teaching approaches and pupil-teacher relationships but one which also embraces and informs educational theory, personal learning styles, assessment, and relationships inside and outside the classroom. A detailed consideration of what it means to be a professional in the contemporary climate, Understanding Pedagogy challenges student and practising teachers to reappraise their understanding and practice through effectively linking theory and practice. Key issues explored include the importance of understanding a learning styles profile, the application of cognitive neuroscience to teaching, personalised learning, assessment and feedback, and what we mean by critical reflection. Using the Personal Learning Styles Pedagogy, the authors make explicit the integration of theory and practice and the many decisions and selections that teachers make, their implications for what is being taught and learnt, how learners are positioned in the pedagogical process, and ultimately, how learning can be improved. Understanding Pedagogy will be essential reading for student and practising teachers, as well those on Education Studies courses and undertaking masters level courses, involved in the endeavour of understanding what constitutes effective teaching and learning.

abacus teacher training online: Advanced Abacus Takashi Kojima, 2012-07-09 This handy guide will take abacus users from beginner to master level in a very short time. Though the Japanese abacus may appear mysterious or even primitive, this intriguing tool is capable of amazing speed and accuracy. It is still widely used throughout the shop and markets of Asia and its popularity shows no sign of decline. This volume is designed for the student desiring a greater understanding of the abacus and its calculative functions. The text provides thorough explanations of the advanced operations involving negative numbers, decimals, different units of measurement, and square roots. Diagrams illustrate bead manipulation, and numerous exercises provide ample practice. Concise and easy-to-follow, this book will improve your abacus skills and help you perform calculations with greater efficiency and precision.

abacus teacher training online: From Text to 'Lived' Resources Ghislaine Gueudet, Birgit Pepin, Luc Trouche, 2011-09-06 What kinds of curriculum materials do mathematics teachers select and use, and how? This question is complex, in a period of deep evolutions of teaching resources, with the proficiency of online resources in particular. How do teachers learn from these materials, and in which ways do they 'tailor' them for their use and pupil learning? Teachers collect resources, select, transform, share, implement, and revise them. Drawing from the French term « ingénierie documentaire », we call these processes « documentation ». The literal English translation is « to work with documents », but the meaning it carries is richer. Documentation refers to the complex and interactive ways that teachers work with resources; in-class and out-of-class, individually, but also collectively.

abacus teacher training online: Online Teaching and Learning in Higher Education Pedro Isaias, Demetrios G. Sampson, Dirk Ifenthaler, 2020-09-29 This book explores a variety of facets of online learning environments to understand how learning occurs and succeeds in digital contexts and what teaching strategies and technologies are most suited to this format. Business, health,

government and education are some of the core sectors of society which have been experiencing deep transformations due to a generalized digitalization. While these changes are not novel, the swift progress of technology and the rising complexity of digital environments place a focus on the need for further research and novel strategies. In the context of education, the promise of increased flexibility and broader access to educational resources is impelling much of higher education's course offerings to online environments. The 21st century learner requires an education that can be pursued anytime and anywhere and that is more aligned with the demands of a digital society. Online education not only assists students to success-fully integrate a workforce that is increasingly digital, but it helps them to become more comfortable with the use of technology in general and, hence, more prepared to be prolific digital citizens. The variety of settings portrayed in this volume attest to the unlimited opportunities afforded by online learning and serve as valuable evidence of its benefit for students' educational experience. Moreover, these research efforts assist a more comprehensive reflection about the delivery of higher education in the context of online settings.

abacus teacher training online: Deaf Cognition Marc Marschark, Peter C Hauser, 2008-06-30 Deaf Cognition examines the cognitive underpinnings of deaf individuals' learning. Marschark and Hauser have brought together scientists from different disciplines, which rarely interact, to share their ideas and create this book. It contributes to the science of learning by describing and testing theories that might either over or underestimate the role that audition or vision plays in learning and memory, and by shedding light on multiple pathways for learning. International experts in cognitive psychology, brain sciences, cognitive development, and deaf children offer a unique, integrative examination of cognition and learning, with discussions on their implications for deaf education. Each chapter focuses primarily on the intersection of research in cognitive psychology, developmental psychology, and deaf education. The general theme of the book is that deaf and hearing individuals differ to some extent in early experience, brain development, cognitive functioning, memory organization, and problem solving. Identifying similarities and differences among these domains provides new insights into potential methods for enhancing achievement in this traditionally under-performing population.

abacus teacher training online: Fibonacci's Liber Abaci Laurence Sigler, 2012-12-06 First published in 1202, Fibonacci's Liber Abaci was one of the most important books on mathematics in the Middle Ages, introducing Arabic numerals and methods throughout Europe. This is the first translation into a modern European language, of interest not only to historians of science but also to all mathematicians and mathematics teachers interested in the origins of their methods.

abacus teacher training online: The Dyscalculia Toolkit Ronit Bird, 2021-04-14 Designed for all teachers, this book provides a wealth of materials and resources to support the needs of learners, aged 6 to 14 years, who have difficulty with maths and number. Packed full with 220 activities and 55 games, the author provides you with a complete toolkit to enable you to understand dyscalculia and implement practical and innovative strategies to use in the classroom or at home. This fourth edition is updated with new content including: - more on dice and board games, multiplication and division; - new downloadable and printable teaching materials (including tracking sheets, activity sheets, game boards and teaching resources); - updated videos.

abacus teacher training online: EBOOK: A Lecturer's Guide to Further Education Dennis Hayes, Toby Marshall, Alec Turner, 2007-10-16 What are the key issues in FE? How does FE differ from other sectors of Education? What does the future hold for FE? This book offers a unique and provocative guide for all lecturers committed to providing the best education and training possible in the changing world of Further Education. The authors examine key issues such as: How teaching in FE differs from others sectors The motivations of learners The use of new technologies in the classroom The techniques adopted by college managers The changing assessment methods The introduction of personalised learning An analysis of the politics behind the training of lecturers. Written in an accessible style, every chapter presents a different and challenging approach to key issues in Further Education. A Lecturer's Guide to Further Education is essential reading for all new and experienced Further Education lecturers.

abacus teacher training online: [Resources in Education](#) , 2001

abacus teacher training online: What Should Schools Teach? Alka Sehgal Cuthbert , Alex Standis, 2021-01-07 The design of school curriculums involves deep thought about the nature of knowledge and its value to learners and society. It is a serious responsibility that raises a number of questions. What is knowledge for? What knowledge is important for children to learn? How do we decide what knowledge matters in each school subject? And how far should the knowledge we teach in school be related to academic disciplinary knowledge? These and many other questions are taken up in What Should Schools Teach? The blurring of distinctions between pedagogy and curriculum, and between experience and knowledge, has served up a confusing message for teachers about the part that each plays in the education of children. Schools teach through subjects, but there is little consensus about what constitutes a subject and what they are for. This book aims to dispel confusion through a robust rationale for what schools should teach that offers key understanding to teachers of the relationship between knowledge (what to teach) and their own pedagogy (how to teach), and how both need to be informed by values of intellectual freedom and autonomy. This second edition includes new chapters on Chemistry, Drama, Music and Religious Education, and an updated chapter on Biology. A revised introduction reflects on emerging discourse around decolonizing the curriculum, and on the relationship between the knowledge that children encounter at school and in their homes.

abacus teacher training online: Yoga Nidra Kamini Desai, 2017-03 Yoga Nidra is the master key to initiating shifts in conscious sleep states where change happens outside of doing. In Yoga Nidra you enter a state of non-doing in which transformation happens from beyond the mind rather than through the mind. In this highly regenerative meditative state you can restore and rejuvenate your body, heal and recover from illness and re-wire your brain for greater mental and emotional balance and resiliency. This comprehensive guidebook explores the core of Yogic philosophy and modern applications of Yoga Nidra backed by scientific research - affirming what Yogis have known for thousands of years. You will receive instruction on the practice of Yoga Nidra and the use of intention. You will discover how unconscious thinking patterns and resulting biochemical states contribute to ill health, stress, insomnia, depression, anxiety, bad habits, trauma and addictions and most importantly, how to neutralize them with the Six Tools of Yoga Nidra.

abacus teacher training online: Excellence in Teaching and Learning in Higher Education Isabel Huet, Teresa Pessoa, Fátima Sol, 2021 The initial 'idea' for the book emerged during the seminar Sharing of Innovative Pedagogical Practices that occurred at the University of Coimbra (Portugal) in 2018. Like all 'good ideas', this one originated in a conversation between colleagues from the University of Coimbra and the University of West London in the United Kingdom. The 'idea' of this book was to move away from sharing experiences related to teaching and learning in higher education in just one or two countries, but instead to organise a more European view about the policy, research and teaching practices that are shaping the way our students learn, academics teach and do research. We have a total of 16 chapters from academics in Portugal, the United Kingdom, Ireland, Sweden, the Netherlands, Spain, Italy, and the Czech Republic. The book is organised in four interrelated themes: (1) policy and quality; (2) professionalisation of teaching and academic development; (3) research and teaching nexus; and (4) pedagogy and practice. Enjoy reading the book!

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knowledge and understanding. The book builds towards a clarification of how we can best conceptualise knowledge-building in history education. Crucially, it aims to help history education students, history teachers, teacher educators and history curriculum designers navigate the challenges that knowledge-building processes pose for learning history in schools.

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