

Primary_PP_CMAT: Primary PGCE: Professional Practice: Curriculum Maths

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@inbook{Anghileri_2006, address={London}, edition={2nd ed}, title={Chapter 4: Addition and Subtraction},
url={https://contentstore.cla.co.uk/secure/link?id=e0ba78cc-2342-e711-80cb-005056af4099}, booktitle={Teaching number sense}, publisher={Continuum}, author={Anghileri, Julia}, year={2006}, pages={49-70} }

@inbook{Anghileri_2007, address={London}, title={Chapter 5: Developing Multiplicative Thinking},
url={https://contentstore.cla.co.uk/secure/link?id=7784ef31-2442-e711-80cb-005056af4099}, booktitle={Developing number sense: progression in the middle years}, publisher={Continuum}, author={Anghileri, Julia}, year={2007}, pages={71-93} }

@inbook{Askew_2016, address={London}, edition={Updated and revised edition}, title={Chapter 2: Thinking about learning},
url={http://www.tandfebooks.com/isbn/9781315667256}, booktitle={Transforming primary mathematics: understanding classroom tasks, tools and talk}, publisher={Routledge}, author={Askew, Mike}, year={2016}, pages={13-29} }

@inbook{Barmby_Bilsborough_Harries_Higgins_2009, address={Maidenhead}, title={Data handling},
url={https://contentstore.cla.co.uk/secure/link?id=e1da47f6-6d1b-e711-80c9-005056af4099}, booktitle={Primary mathematics: teaching for understanding}, publisher={Open University Press}, author={Barmby, P. and Bilsborough, L. and Harries, T. and Higgins, S.}, year={2009} }

@article{Barmby_Harries_Higgins_Suggate_2009, title={The array representation and primary children's understanding and reasoning in multiplication}, volume={70}, DOI={10.1007/s10649-008-9145-1}, number={3}, journal={Educational Studies in Mathematics}, author={Barmby, Patrick and Harries, Tony and Higgins, Steve and Suggate, Jennifer}, year={2009}, pages={217-241} }

@article{Carruthers_Worthington_2004, address={Derby}, edition={June}, title={Young children exploring early calculation},
url={https://contentstore.cla.co.uk/secure/link?id=a49723d6-6d1b-e711-80c9-005056af4099}, number={187}, journal={Mathematics teaching}, publisher={Association of Teachers of Mathematics}, author={Carruthers, E. and Worthington, M.}, year={2004}, pages={30-34} }

@inbook{Cotton_2014, address={London}, edition={2nd ed}, title={Chapter 7: Understanding shape},

url={<https://ebookcentral.proquest.com/lib/ucl/reader.action?docID=1682971&ppg=149>},
booktitle={Understanding and teaching primary mathematics}, publisher={Routledge},
author={Cotton, Tony}, year={2014} }

@book{Cotton_2016, address={Abingdon, Oxon}, edition={Third ed},
title={Understanding and teaching primary mathematics}, publisher={Routledge},
author={Cotton, Tony}, year={2016} }

@inbook{English_2013, address={Los Angeles}, title={Chapter 6: Arithmetic with
fractions, decimals, percentages and ratios}, volume={Transforming primary QTS},
url={<https://contentstore.cla.co.uk/secure/link?id=0579766d-33e2-ea11-80cd-005056af4099>}, booktitle={Teaching arithmetic in primary schools}, publisher={SAGE},
author={English, Richard}, year={2013}, pages={89-115} }

@inbook{Fox_Surtees_2010, address={London}, title={Chapter 6: Mathematics and
Historical and Geographical Understanding},
url={<https://contentstore.cla.co.uk/secure/link?id=d5673e4b-6e1b-e711-80c9-005056af4099>}, booktitle={Mathematics across the curriculum: problem-solving, reasoning, and
numeracy in primary schools}, publisher={Continuum}, author={Fox, Sue and Surtees,
Liz}, year={2010}, pages={86-94} }

@book{Gifford_2005a, address={Maidenhead}, title={Teaching mathematics 3-5:
developing learning in the foundation stage},
url={<https://ebookcentral.proquest.com/lib/ucl/detail.action?docID=287879>},
publisher={Open UP}, author={Gifford, Susan}, year={2005} }

@inbook{Gifford_2005b, address={Maidenhead}, title={Chapter 8: Number},
url={<https://ebookcentral.proquest.com/lib/ucl/detail.action?docID=287879>},
booktitle={Teaching mathematics 3-5: developing learning in the foundation stage},
publisher={Open UP}, author={Gifford, Susan}, year={2005}, pages={77-103} }

@inbook{Hansen_2014a, address={Thousand Oaks, Calif}, edition={3rd edition},
title={Number: fractions, decimals and percentages}, volume={Transforming primary
QTS}, booktitle={Children's errors in mathematics}, publisher={SAGE Publications},
author={Hansen, Alice}, year={2014} }

@inbook{Hansen_2014b, address={Thousand Oaks, Calif}, edition={3rd edition},
title={Chapter 2: Errors and Misconceptions: the teacher's role}, volume={Transforming
primary QTS},
url={<https://contentstore.cla.co.uk/secure/link?id=bf20a351-6e1b-e711-80c9-005056af4099>}, booktitle={Children's errors in mathematics}, publisher={SAGE Publications},
author={Hansen, Alice}, year={2014}, pages={11-20} }

@inbook{Haylock_Manning_2014a, address={London}, edition={5th edition},
title={Chapter 4: Key Processes in Mathematical Reasoning},
url={<https://contentstore.cla.co.uk/secure/link?id=1a1d5558-6e1b-e711-80c9-005056af4099>}, booktitle={Mathematics explained for primary teachers}, publisher={SAGE
Publications}, author={Haylock, D. and Manning, R.}, year={2014}, pages={37-49} }

@inbook{Haylock_Manning_2014b, address={London}, edition={5th edition},
title={Chapter 5: Modelling and Problem Solving},

url={<https://contentstore.cla.co.uk/secure/link?id=1b1d5558-6e1b-e711-80c9-005056af4099>}, booktitle={Mathematics explained for primary teachers}, publisher={SAGE Publications}, author={Haylock, D. and Manning, R.}, year={2014}, pages={52-61} }

@book{Haylock_2014, address={Los Angeles}, edition={ [2nd ed.] }, title={Student workbook for mathematics explained for primary teachers}, publisher={SAGE}, author={Haylock, Derek}, year={2014} }

@book{Haylock_Cockburn_2017, address={London}, edition={Fifth edition}, title={Understanding mathematics for young children: a guide for teachers of children 3-7}, url={<https://app.kortext.com/Shibboleth.sso/Login?entityID=https://shib-idp.ucl.ac.uk/shibboleth&target=https://app.kortext.com/borrow/284700>}, publisher={SAGE}, author={Haylock, Derek and Cockburn, Anne}, year={2017} }

@book{Haylock_Manning_2019a, address={London}, edition={6th edition}, title={Mathematics explained for primary teachers}, publisher={SAGE Publications}, author={Haylock, Derek and Manning, Ralph}, year={2019} }

@book{Haylock_Manning_2019b, address={London}, edition={5th edition}, title={Mathematics explained for primary teachers}, publisher={SAGE Publications}, author={Haylock, Derek and Manning, Ralph}, year={2019} }

@inbook{Haylock_Thangata_2007, address={London}, title={Questioning}, volume={SAGE key concepts}, url={<https://sk.sagepub.com/books/key-concepts-in-teaching-primary-mathematics/n38.xml>}, booktitle={Key concepts in teaching primary mathematics}, publisher={SAGE}, author={Haylock, Derek and Thangata, Fiona}, year={2007}, pages={155-162} }

@inbook{Hughes_1986, address={Oxford}, title={Chapter 4: What's so hard about two and two?}, url={<https://contentstore.cla.co.uk/secure/link?id=f048b80f-6e1b-e711-80c9-005056af4099>}, booktitle={Children and number: difficulties in learning mathematics}, publisher={Basil Blackwell}, author={Hughes, Martin}, year={1986}, pages={37-52} }

@article{Kerslake, address={London [England]}, edition={2}, title={Visual Mathematics}, url={<https://contentstore.cla.co.uk/secure/link?id=f8f450dc-6d1b-e711-80c9-005056af4099>}, number={8}, journal={Mathematics in school}, publisher={Longman Group Ltd}, author={Kerslake, D.}, pages={34-35} }

@inbook{Killen_Hindhaugh_2018, title={Making sum sense}, url={<https://contentstore.cla.co.uk/secure/link?id=8438e990-80d3-e811-80cd-005056af4099>}, booktitle={How big is a big number? : learning to teach mathematics in the primary school}, author={Killen, Paul and Hindhaugh, Sarah}, year={2018} }

@article{2003, title={Research Uncovers Children's Creative Mathematical Thinking}, volume={7}, url={<https://www.childrens-mathematics.net/our-publications-1/>}, number={3}, journal={Primary Mathematics (Mathematics Association).}, author={Maulfry Worthington and Elizabeth Carruthers}, year={2003}, pages={21-25} }

@misc{Nunes_Bryant_Hurry_Pretzlik_2006, title={Fractions: difficult but crucial in mathematics learning},
url={https://primarysite-prod-sorted.s3.amazonaws.com/stavertonwilts/UploadedDocuments/9c7dd42517224ac3a064a585209fab36/fractions.pdf}, author={Nunes, T. and Bryant, P. and Hurry, J. and Pretzlik, U.}, year={2006} }

@article{Plunkett, address={London [England]}, edition={3}, title={Decomposition and all that rot},
url={https://contentstore.cla.co.uk/secure/link?id=f9f450dc-6d1b-e711-80c9-005056af4099}, number={8}, journal={Mathematics in school}, publisher={Longman Group Ltd}, author={Plunkett, S.}, pages={2-5} }

@article{Richard R. Skemp_2006, title={Relational Understanding and Instrumental Understanding}, volume={12},
url={http://www.jstor.org/stable/41182357?seq=1#page_scan_tab_contents}, number={2}, journal={Mathematics Teaching in the Middle School}, publisher={National Council of Teachers of MathematicsNational Council of Teachers of Mathematics}, author={Richard R. Skemp}, year={2006}, pages={88-95} }

@inbook{Rickard_2014, address={Los Angeles}, title={Data handling},
volume={Transforming primary QTS},
url={https://contentstore.cla.co.uk/secure/link?id=32ffa129-b846-e711-80cb-005056af4099}, booktitle={Primary mathematics for trainee teachers}, publisher={SAGE}, author={Rickard, C.}, year={2014}, pages={139-156} }

@inbook{Ryan_Williams_2007, address={Maidenhead}, title={Chapter 2: Learning from errors and misconceptions},
url={https://contentstore.cla.co.uk/secure/link?id=dfda47f6-6d1b-e711-80c9-005056af4099}, booktitle={Children's mathematics 4-15: learning from errors and misconceptions}, publisher={Open University P.}, author={Ryan, Julie and Williams, Julian}, year={2007}, pages={13-30} }

@book{Suggate_Davis_Goulding_2017, address={London}, edition={4th ed},
title={Mathematical knowledge for primary teachers (5th Edition)},
publisher={Routledge}, author={Suggate, Jennifer and Davis, Andrew and Goulding, Maria}, year={2017} }

@article{Thompson_2007a, address={Derby}, edition={May}, title={Deconstructing calculation, Part 1: Addition},
url={https://contentstore.cla.co.uk/secure/link?id=a59723d6-6d1b-e711-80c9-005056af4099}, number={202}, journal={Mathematics teaching}, publisher={Association of Teachers of Mathematics}, author={Thompson, I.}, year={2007}, pages={14-15} }

@article{Thompson_2007b, address={Derby}, edition={September},
title={Deconstructing calculation methods, Part 2: Subtraction},
url={https://contentstore.cla.co.uk/secure/link?id=a69723d6-6d1b-e711-80c9-005056af4099}, number={204}, journal={Mathematics teaching}, publisher={Association of Teachers of Mathematics}, author={Thompson, I.}, year={2007}, pages={6-8} }

@inbook{Thompson_2010, address={Maidenhead}, edition={2nd ed}, title={Chapter 12. Getting your head around mental calculation},
url={http://www.vlebooks.com/vleweb/product/openreader?id=UCL&isbn=9780335241545}, booktitle={Issues in teaching numeracy in primary schools}, publisher={Open University Press}, author={Thompson, Ian}, year={2010}, pages={97-103} }

@article{van Hiele, Pierre M., title={Developing Geometric Thinking through Activities That Begin with Play}, volume={5},
url={https://search.proquest.com/docview/62490164?rfr_id=info%3Axri%2Fsid%3Aprimo}, number={6}, journal={Teaching Children Mathematics}, author={van Hiele, Pierre M.}, pages={310-16} }

@article{Five Myths of Mastery in Mathematics,
url={https://matrixmathshub.co.uk/wp-content/uploads/2022/12/NAMA-Five-Myths-of-Mastery-in-Mathematics.pdf} }

@misc{Working with Luke, url={http://nrich.maths.org/6688} }