

Biography

Emma is an Associate Professor in learning and teaching, she works in the Faculty for Arts, Science and Technology at the University of Northampton. She is the Deputy Head of Subject for Sport and Exercise and the Programme Leader of the BA (Hons) Physical Education and Sport Degree. She is the Co Lead for the Centre for Active Digital Education. Emma Whewell studied Sports Science and Physiology at the University of Leeds. She went on to study a PGCE in Physical Education at Durham University. After graduating Emma worked as a physical education teacher in Bradford and following this Leeds as head of PE teaching children in key stages 3-5. In 2002 Emma moved to a school on the outskirts of Newcastle where she was working as a Head of Year and PE teacher. She joined the University of Northampton in 2006 as part of the Initial Teacher Training team. Whilst working here she has completed her MA in Education focussing on the teaching of children classed as vulnerable. She has completed her PhD on the formation of identity in newly qualified teachers. Emma's research is centered upon inclusion, access and pedagogy. She has expertise in digital pedagogies, phenomenology, physical education and inclusive practices. Emma is a member of the Primary Physical Education European Network group and the All Party Parliamentary Group for a fit and healthy childhood. She is an external examiner for Birmingham City University Initial Teacher training (undergraduate SCITT).

Research outputs

Building success through outdoor adventure

Whewell, E. & Allan, J., 15 Nov 2023, In: *Physical Education Matters*. Autumn 2023, p. 1-5 5 p.

The Role of the Family in Early Years Education: An Eye View Series Report

Clark, H., Royal, P., Robillard Webb, L., Wright, P., Rosier, C., Beart, S., Blandford, S., Veale, V., Bayou, E., Norman, D. A., Tonkin, A., Whewell, E., Hodgson, A., Warrington, D., Hill, B., Adenaike, M., Cooke, K., Murray, D. P., Murray, D. A., Silberfeld, C., & 4 others Briggs, M., Brewis, T., Hall, M. & Beevers, V., 20 Sept 2023, *Children's Alliance*. 26 p. (Eye View Series)

'Engaging' students with education: promoting inclusivity through technology.

Whewell, E. & Power, A., 18 Sept 2023, *NAACE Advancing Education Journal*, p. 8 12 p.

The why, how and when of LGBT+ education in primary schools in England.

Whewell, E., Tiplady, H. & Shrive, H., 23 Aug 2023.

Bringing Learning Alive: empowering the use of immersive technologies to blend physical and digital spaces

Howe, R., Caldwell, H. (ed.), Whewell, E. (ed.), Achtypi, A., Aidonopoulou, T. (ed.), Harris, J. (ed.), Ellis, H., Love, Y. & Judge, S. (ed.), 23 Jun 2023.

Surviving not thriving: The lived experiences of neurodiverse learners at the University of Northampton

Whewell, E., Tiplady, H. & Judge, S., 22 Jun 2023.

Supporting Pupils' Learning

Whewell, E., Meechan, D. & Caldwell, H., 9 Jun 2023, (Accepted/In press) *A Practical Guide for Mentoring Beginning Computing Teachers*. Roushan, G., Polkinhorne, M. & Patel, U. (eds.). Routledge

LGBT+ EDUCATION IN PRIMARY SCHOOLS: A collaborative investigation into teachers' perceptions of why, how and when LGBT+ content could be taught in primary schools.

Whewell, E. & Tiplady, H., 17 May 2023.

The why, how and when of LGBT+ education

Shrive, H., Whewell, E. & Tiplady, H., 20 Dec 2022, *Birmingham City University Education Journal Magazine*, 3, 1, p. 27-32 6 p.

Making the impossible, possible: Lessons learnt to ensure embodied physical education teacher education within COVID-19 times and beyond, regardless of the learning medium

Howells, D. K., Murray, D. A., Pearson, J. & Whewell, E., 2 Aug 2022, In: *Contemporary Issues in Practitioner Education*. p. 1-11 11 p.

Educational Technology: Opportunities and Challenges

Whewell, E. & Snook, A., 27 Jul 2022, Hello World, 19, p. 54-55 2 p.

Learning from undergraduate students' experience of the Digital Learning Across Boundaries (DLAB) project

West, A., Caldwell, H., Whewell, E. & Garrett, B., 23 Jun 2022. 1 p.

LGBT+ Education in Primary Schools: A collaborative investigation into teachers' perceptions of why, how and when LGBT+ content could be taught in primary schools.

Shrive, H. (ed.), Tiplady, H. & Whewell, E., 21 Jun 2022.

Changemakers as digital makers: Connecting and cocreating

Whewell, E., Caldwell, H., Frydenberg, M. & Andone, D., 24 Jan 2022, In: Education and Information Technologies. 27, 5, p. 6691-6713 23 p.

The Physical Health of Children and Young People

Clark, H., Randall, D. V., Royal, P., Wright, P., Ferguson, A., Sutcliffe, B., Bradshaw, B., Silberfeld, C., Jacob, C., Graham, C., Murray, D. A., Norman, D. A., Whewell, E., Mackay, E., Griggs, D. G., Charman, H., Musgrave, J., Pearson, J., Howells, D. K., Murray, D. P., & 22 others Wanninayake, S., Navidi, U., Cherry, E., Bayou, E., Michelson, I., Nicolas, J., Wharton, J., Cooke, K., Smith, K., James, K., Hanson, M., Jopling, M., Lubrano, M., Baber, M., Follett, M., Viggars, M., Coleman, N., Stratton, G., Godfrey, K., Brewis, T., Beswick, T. & Veale, V., 10 Dec 2021, Children's Alliance.

Digital Learning Across Boundaries: Immersive technologies supporting changemaking in an international context

Whewell, E., Caldwell, H., Garrett, B. & Malloch, G., 15 Jul 2021, In: Research in Education and Learning Innovation Archives. 27, 27, p. 19-32 14 p.

Student perceptions of learning to teach the foundation subjects: How do pre-service teachers in England perceive the curriculum subjects in primary schools – and are foundations secure?

Whewell, E., Caldwell, H., Crawford, H., Bracey, P., Shelley, C. & Heaton, R., 18 Jun 2021, In: Researching Education.

A reflection of using videos of interactions between expert and novice practitioners: An in-depth exploration of the experience of expert and novice teachers

Whewell, E., Garrett, B., Tiplady, H., Byles, R. & Briggs, T., 15 Jun 2021.

Digital Learning Across Boundaries: Using digital technologies to innovate digital collaborations and develop changemaking in student teachers.

Whewell, E., Garrett, B. & Caldwell, H., 15 Jun 2021.

The Covid Generation: A Mental Health Pandemic in the Making: The impact on the mental health of children and young people during and after the COVID-19 pandemic

Whewell, E., 19 Apr 2021, APPG Fit and Healthy Childhoods. 72 p.

Reflections on practice Co-created by experts and novices using video collaboration software.

Whewell, E., Caldwell, H., Tiplady, H., Garrett, B., Byles, R. & Briggs, T., 8 Apr 2021.

Teaching on insecure foundations? Pre-service teachers in England's perceptions of the wider curriculum subjects in primary schools

Caldwell, H., Whewell, E., Bracey, P., Heaton, R., Crawford, H. & Shelley, C., 4 Mar 2021, In: Cambridge Journal of Education. 51, 2, p. 231-246 16 p.

Reflecting upon teacher identity, self-efficacy and teaching physical education in primary trainee teachers

Whewell, E. & Garrett, B., 1 Mar 2021, In: Physical Education Matters. Spring 2021, p. 81-84 5 p.

Sharing Practice in an International Context – a Critique of the Benefits of International Exchanges for Trainee Teachers
Whewell, E., Cox, A. & Theinert, K., 1 Feb 2021, In: *The eastern european journal of transnational relations*. 4, 1, p. 33-48
16 p.

Towards a Digital Pedagogy of Inclusive Active Distance Learning

Caldwell, H., Whewell, E., Devecchi, C., Quirke, M. & Mc Gukin, C., 2021, *The Impact of COVID-19 on Teaching and Learning in Higher Education*. Studente, S., Ellis, S. & Desai, B. (eds.). New York: Nova Science Publishers, p. 23-51 28 p.

Mentoring: skills, knowledge and attributes of a successful physical education mentor

Whewell, E., 9 Dec 2020, *Springer Encyclopedia of Teacher Education*. Springer

Continuing to provide the Education in Physical Education: Experiences of the physical education teacher education network

Howells, D. K., Whewell, E. & Garrett, B., 1 Nov 2020, In: *Physical Education Matters*. 15, 3, p. 89-93 5 p.

Wellbeing and Nurture: Physical and Emotional Security in Childhood

Clark, H., Royal, P., WEST, H., McGlone, P. F., Walker, A. P. S., Devine, S. L., Barlow, J., Albon, D. D., Elfer, D. P., Norman, D. A., Sigman, D. A., Graham, C., Hutchinson, C., Harris, D. G., Upton, L., Thomas, J., Jephcott, M., Whewell, E., Lumsden, E., Revell, E., & 9 others Hodgson, A., Salt, K., Lochrie, P., Brown, P. F., Murray, D. A., Murray, D. P., Lubrano, M., Day, K. & Gribble, J., 14 Jul 2020, APPG Fit and Healthy Childhoods. 70 p.

Digital Learning Across Boundaries: Augmented and virtual reality supporting effective international learning

Caldwell, H., Whewell, E., Malloch, G. & Garrett, B., Jul 2020, *NAACE Advancing Education Journal*, Summer 2020, p. 23-29 7 p.

Digital Learning Across Boundaries: Augmented and virtual reality supporting changemaking in an international context.

Caldwell, H., Whewell, E., Malloch, G. & Garrett, B., 16 Jun 2020.

The impact of visual posts on creative thinking and knowledge building in an online community of educators

Caldwell, H., Heaton, R. & Whewell, E., Jun 2020, In: *Thinking Skills and Creativity*. 36, 14 p., 100647.

Mental Health Through Movement

Clark, H., Royal, P., WEST, H., Randall, D. V., Silk, P. M., Patnail, D. A., Shahid, S., Yelling, D. M., Coleman, N., Wright, C., Kay, S., Bagnall, P., Sigman, D. A., Adams, S., Albon, D. D., Murray, D. A., Murray, D. P., Hodgson, A., Hill, R., Whewell, E., & 13 others Palmer, G., Lee, D., Javor, A., Lubrano, M., Salt MBE, K., Lochrie, P., Thomas, J., Jephcott, M., Norman, D. A., Manners, D. L., Pearson, J., Murray, J. & Howells, D. K., 1 Oct 2019, APPG Fit and Healthy Childhoods. 57 p.

Primary Physical Education Teacher Identity

Whewell, E., 31 Aug 2019, (E-pub ahead of print) *Encyclopedia of Teacher Education: Living Edition*. Peters, M. A. (ed.). Springer, p. 1-5 5 p.

The Primary PE and School Sport Premium

Clark, H., Royal, P., WEST, H., Randall, D. V., Murray, D. A., Coleman, N., Griggs, D. G., Whewell, E., Foster, S., Bayfield, A. S., Wright, C., Thornton-Bousefield, K., Denington, J., Williams, S., Rollins, N., Healey, M., Sexton, K., Pearson, J., Platt, G., Crichton, M., & 5 others Davies, C., Dryer, G., Harris, J., Palmer, G. & Wilson, D., 1 Feb 2019, APPG Fit and Healthy Childhoods. 55 p.

Outdoor Learning: Using technology to engage with the physical world

Whewell, E. & Woolley, K., 5 Dec 2017, *Technology for SEND in Primary School*. Caldwell, H. & Cullingford-Agnew, S. (eds.). Sage, p. 43-55 13 p.

Switched on iPads Science

Caldwell, H., Heaton, R., Whewell, E. & Grantham, S., 18 Mar 2015, London: Rising Stars.

Physical education

Whewell, E., Woolley, K. & Kellam, R., 1 Mar 2014, *Subject Teaching in Primary Education*. Smith, P. & Dawes, L. (eds.). UK: Sage, p. 209-232 24 p.

Equality in the primary school: Physical Education

Whewell, E. & Hardman, J., 24 Nov 2011, *Equality in the Primary School: Promoting Good Practice Across the Curriculum*. Hill, D. & Robertson, L. H. (eds.). 1st ed. Continuum, p. 195-213 19 p.

Evaluation of Special School Placements as part of the BA (QTS) Primary Education learning experience 2009-2010

Whewell, E. & Devi, A., May 2011.

Yoga and the Massage in Schools

Whewell, E. & Watts, M., 2 Jun 2010, In: *Physical Education Matters*. 5, 2, p. iii-v

Linked Learning and its Place within the Teaching of Physical Education in the Primary School

Whewell, E. & Kellam, R., 1 Jun 2009, In: *Physical Education Matters*. Summer, iii

Activities

Supporting and recognising achievements in learning in the outdoors.

Emma Whewell (Organiser) & Helen Tiplady (Organiser)
8 Jan 2024

Association for Science Education Annual Conference

Emma Whewell (Speaker) & Helen Tiplady (Speaker)
4 Jan 2024 → 6 Jan 2024

Active Digital Education for Inclusive Pedagogies

Emma Whewell (Author) & Helen Caldwell (Author)
19 Dec 2023

'Engaging' with Education through Technology: Supporting At Risk Young People with their Next Steps

Emma Whewell (Author) & Alison Power (Author)
22 Aug 2023

'Engaging' with education through technology: supporting at risk young people with their next steps

Emma Whewell (Author) & Alison Power (Author)
5 Jul 2023

'Engaging' students with education: promoting inclusivity through technology

Alison Power (Author) & Emma Whewell (Author)
4 Jul 2023 → 6 Jul 2023

Bringing Learning Alive: empowering the use of immersive technologies to blend physical and digital spaces

Emma Whewell (Author) & Helen Caldwell (Author)
3 Jul 2023

Chester House Estate: Co-creating AR activities

Rob Howe (Author), Helen Caldwell (Author), Emma Whewell (Author), Rob Lambert (Author), Jim Harris (Author), Tereza Aidonopoulou (Author) & Alexia Achtypi (Author)
30 Jun 2023

ENGAGING' with Padlet

Emma Whewell (Author) & Alison Power (Author)
22 Jun 2023

The learning experiences of neurodiverse learners at the University of Northampton

Emma Whewell (Author), Helen Tiplady (Author) & Sam Judge (Author)
22 Jun 2023

'Engaging' students with education: promoting inclusivity through technology

Emma Whewell (Author) & Alison Power (Author)
17 May 2023

Exploring level 5 student's lived experiences of the barriers to their progression and attainment

Emma Whewell (Author) & Lee Waters (Author)
26 Apr 2023

Exploring level 5 student's lived experiences of the barriers to their progression and attainment.

Emma Whewell (Author) & Lee Waters (Author)
26 Apr 2023

Technology, Pedagogy and Education (Journal)

Emma Whewell (Reviewer)
1 Mar 2023 → ...

'Engaging' students with education: promoting inclusivity through technology

Alison Power (Author) & Emma Whewell (Author)
23 Nov 2022 → 25 Nov 2022

Technology, Pedagogy and Education Association (External organisation)

Emma Whewell (Chair)
1 Nov 2022 → 1 Nov 2026

Understanding level 5 sport and exercise student's perspectives of barriers to progression at UON

Emma Whewell (Author), Lee Waters (Author) & Mark Wall (Author)
23 Jun 2022

Rhizomatic Learning - digital tools for Active Distance Education

Emma Whewell (Author) & Helen Caldwell (Author)
21 Jun 2022

The future for blended and distance learning

Emma Whewell (Author), Helen Caldwell (Author), Kate Coulson (Author), Jim Harris (Author) & Rob Howe (Author)
17 Jun 2022

Digital Learning Across Boundaries - Multiplier Event, Howest Campus, Bruges

Frederik De Laere (Speaker), Emma Whewell (Author), Jean Edwards (Author), Karen Woolley (Author), Hilde Øen (Speaker), Amy West (Author), Beth Garrett (Author), Helen Tiplady (Author), Malin Hultqvist (Speaker), Christine Worm (Speaker), Espen Braaten (Author), Camilla Damsgaard (Author) & Lorena Casal (Author)
5 May 2022

Reflections on Practice Co-created by Experts and Novices Using Video Collaboration Software

Emma Whewell (Author) & Helen Caldwell (Author)
31 Mar 2022

Digital Leaders Across Boundaries: Developing Changemakers

Emma Whewell (Invited speaker) & Helen Caldwell (Invited speaker)

3 Dec 2021

Reflections on practice co-created by experts and novices using video collaboration software.

Emma Whewell (Speaker), Helen Caldwell (Speaker), Helen Tiplady (Author), Richard Byles (Author), Beth Garrett (Author) & Thomas Briggs (Author)

6 Sept 2021

13th International Conference on Education and New Learning Technologies

Emma Whewell (Author), Helen Caldwell (Author), Diana Andone (Speaker) & Mark Frydenberg (Author)

5 Jul 2021 → 6 Jul 2021

Cogent Social Sciences (Journal)

Emma Whewell (Editor)

1 Jul 2021 → ...

Using IRIS connect to develop co-created ABL videos of interactions between expert and novice practitioners

Emma Whewell (Author), Helen Tiplady (Author), Helen Caldwell (Author), Richard Byles (Author), Beth Garrett (Author) & Thomas Briggs (Author)

30 Jun 2021

Reflections on practice co-created by experts and novices using video collaboration software

Emma Whewell (Invited speaker), Helen Tiplady (Invited speaker), Helen Caldwell (Author), Richard Byles (Author), Beth Garrett (Author) & Thomas Briggs (Author)

18 Jun 2021

The lived experience of newly qualified primary school teachers in their first year of teaching

Emma Whewell (Author)

7 Jun 2021 → 11 Jun 2021

Technology Outdoors

Emma Whewell (Speaker), Helen Caldwell (Speaker), Jean Edwards (Speaker) & Karen Woolley (Speaker)

27 Mar 2021

Taking Technology Outdoors, with Digital Northampton

Helen Caldwell (Author), Emma Whewell (Author) & Beth Garrett (Author)

25 Sept 2020

Digital Learning Across Boundaries: Using technologies to support changemaking in an international context.

Emma Whewell (Invited speaker), Helen Caldwell (Invited speaker), Beth Garrett (Speaker) & Grant Malloch (Speaker)

12 Jun 2020

Merged Futures 2020

Iain Douglas (Chair), Helen Caldwell (Participant), Beth Garrett (Participant), Grant Malloch (Participant), Emma Whewell (Participant), Patrice Seuwou (Participant), Charlotte Patrick (Participant), David Blandy (Participant), Perry Timms (Participant), Richard Beards (Organiser), David Bevan (Organiser), Leah Thompson (Participant), Dean Hanley (Participant), Ken Punter (Participant), Cecil Gray (Participant), Mark Parrish (Participant), Judi Alston (Participant), Andy Campbell (Participant), Gabriella Okeefe (Participant), James Cushing (Participant), Heather Cowley (Participant), Nicolo Carpignoli (Participant), Steve Walsh (Participant), Clare Elsby (Participant) & Sean Toru (Participant)

12 Jun 2020

Merged Futures Radio Interview for NLive

Emma Whewell (Author), Helen Caldwell (Author), Beth Garrett (Author) & Grant Malloch (Author)

Jun 2020

How does mobile technology facilitate teachers to learn outdoors?

Helen Caldwell (Author), Emma Whewell (Author) & Emma Whewell (Author)
29 May 2020

Identity formation in NQT PE specialists

Emma Whewell (Speaker), vicky Randall (Speaker), Annette McGlochlin (Speaker) & Julie Pearson (Speaker)
25 Jul 2018 → 28 Jul 2018

Identity in NQT's

Emma Whewell (Author)
26 Apr 2018

How does mobile technology facilitate teachers to learn outdoors.

Emma Whewell (Invited speaker), Helen Caldwell (Invited speaker) & Rebecca Heaton (Speaker)
18 Jan 2018

Technology Outdoors

Emma Whewell (Author)
2017

Digital Leaders Across Boundaries

Helen Caldwell (Author), Neil Smith (Author) & Emma Whewell (Author)
7 Jul 2016 → 9 Jul 2016

Digital Leaders Across Boundaries- Using technology to enhance learning and teaching

Emma Whewell (Speaker) & Helen Caldwell (Invited speaker)
15 Jun 2016

Digital Leaders Across Boundaries

Helen Caldwell (Author), Evelyn Hartley (Author) & Emma Whewell (Author)
17 May 2016

I am a very small fish!

Emma Whewell (Author)
2016

Supporting NQT's in School- Technology outdoors

Emma Whewell (Author) & Karen Woolley (Author)
2016

Technology Outdoors workshop

Emma Whewell (Author)
2016

Preparing to teach the new Curriculum... What do OFSTED want?

Emma Whewell (Author)
Nov 2014

Technology Outdoors

Helen Caldwell (Author) & Emma Whewell (Author)
22 May 2014

Enhancing cross-curricular Primary ITT teaching in an outdoor context through the use of group blogs

Helen Caldwell (Author), Paul Bracey (Author), Emma Whewell (Author) & Rebecca Heaton (Author)
13 May 2014

When opportunity knocks!

Emma Whewell (Speaker), Anita Devi (Speaker) & Andrew Smith (Speaker)
2013

The complexities of reflective embodied physical education teacher education

Emma Whewell (Author), Dr. Kristy Howells (Speaker), Julie Pearson (Speaker) & Dr. Alison Murray (Author)
30 Jun 2009

Factors Effecting Confidence to teach PE in PGCE Primary Students

Emma Whewell (Author)
2008

Prizes

Press/Media

A breath of fresh air, a taste of adventure and the chance to win a free school trip!

Emma Whewell
13/09/21
1 Media contribution

Budding PE teachers given a career leg up by Cobblers and Uni partnership project

Emma Whewell
25/11/21
1 item of Media coverage

ePassport project will support young people on their journey back into mainstream education

Emma Whewell & Alison Power
22/09/22
1 item of Media coverage

ePassport project will support young people on their journey back into mainstream education

Emma Whewell & Alison Power
30/09/22
1 item of Media coverage

ePassport project will support young people on their journey back into mainstream education

Emma Whewell & Alison Power
26/09/22
1 item of Media coverage

Expert opinion gets academics into government reports

Emma Whewell & Charlotte Dann
10/05/21
1 item of Media coverage

Kingswood says now is the time for pupils to experience an adventure

Emma Whewell
23/03/22
1 item of Media coverage

Kit out the Nation Campaign

Emma Whewell

6/09/21

1 Media contribution

Awards

Projects

Bringing learning alive: empowering the use of immersive technologies to blend physical and digital spaces

Caldwell, H., Whewell, E., Lambert, R., Howe, R., Harris, J. & Aidonopoulou, T.

1/08/22 → 30/06/23

DLAB: Digital Learning Across Boundaries

Caldwell, H., Whewell, E. & Woolley, K.

1/09/16 → 31/08/19

ENGAGE: Engaging' students with education: promoting inclusivity through technology: Phase 2 (version 2 plus wider dissemination)

Whewell, E. & Power, A.

9/09/22 → 30/06/23

Pedagogical Tools and Techniques for ABL Phase 1: enhancing learners' and educators' potential

Whewell, E. & Power, A.

1/08/23 → 30/06/24

STEP Outside: Supporting education students to use outdoor spaces in their professional practice.

Whewell, E., Richardson, T., Tiplady, H., Woolley, K. & Clanfield, J.

1/08/23 → 30/06/24

Student theses

Experiences concerning the development of identities of primary school physical education specialist teachers during the first year of teaching in England. A phenomenological case study

Author: Whewell, E., 5 May 2019

Supervisor: Murray, J. (Supervisor), Cox, A. (Supervisor) & Devecchi, C. (Supervisor)