

Notes on 6/8/20 webinar – how to simulate practical experience

Challenges of working with trainees with no classroom experience. Challenges for returning students

Challenges to working remotely

- access to home environment (eg Muslim student's face covering, connection issues, sharing technology with household)
- challenge of grouping (consistency of pairs -> small study groups -> larger teaching groups)
- reluctant engagement: evolution to student-led questioning, use of break-out rooms;

Opportunities of working remotely

- collect material from home eg photo geometrical shapes how to group
- Tutor assessment: trainees can film themselves and replay during a tutor video call
- Microteaching: 5min lessons with time for questions, could video it for self-assessment; could create own narrated ppt
- Collaborative unpicking of websites or other resources; scripting and role play
- Create virtual classroom with particular children referred to consistently through training, or real children in a classroom somewhere

Videos:

- analysing, unpicking, redesigning – need to be careful not to be overly negative – question rather than criticise, or tutors model
- write lesson blueprint and update throughout course
- NCETM CPD materials
- Maths hubs: live videoing of lessons with qualified teacher included in subsequent discussion;

Technology:

- Audit of knowledge until NCETM audit is accessible – National numeracy website
- Teams produces a transcript of videos
- technology tools for participation eg Padlet;
- virtual resources: <https://www.visnos.com/demos>
- <https://mathsbot.com/>
- <https://nrich.maths.org/9488>
- Making classroom videos: . <https://www.irisconnect.com/uk/products-and-services/video-technology-for-teachers/>
- <https://www.panopto.com/panopto-for-education/>

Recommended reading:

Zazkis, R, Sinclair, N, Liljedahl, P (2013) *Lesson Play in Maths Ed* by Springer ISBN 978-1-4614-3549-5
<https://www.springer.com/gp/book/9781461435488>

Plevin, R. (2020) Take control of the noisy class – light reading for novices