

Reimagining assessment, reshaping futures: how might our assessment and feedback designs support learning for the longer term?

PART 2 Enhancing formative assessment

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What is Formative Assessment?

Formative assessment is a **process** that is **used** by educators and students

during instruction that provides feedback to adjust ongoing learning and teaching strategies

to **improve** students' achievement of intended learning outcomes (Bell & Cowie 2002)



Process

- •Evaluate current levels of understanding
- •(e.g. see if learners have grasped a given concept)

Use this knowledge to decide what to do next (help students improve)

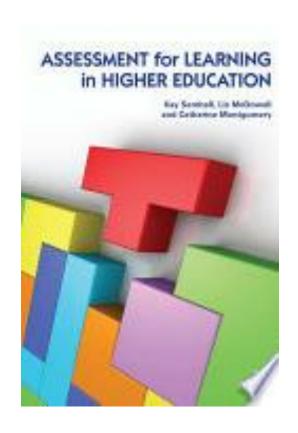


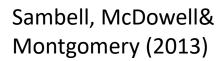
Pedagogic tools or tactics

Help students identify misconceptions, difficulties and learning gaps

Shape learning strategies and bolster students' abilities to take ownership of own learning

Formative assessment can take a range of forms depending on context, discipline etc. but key conditions we developed to guide practice development included:







Good **balance** between formative and summative assessment



Opportunities for students to **try out** their learning, practice and improve

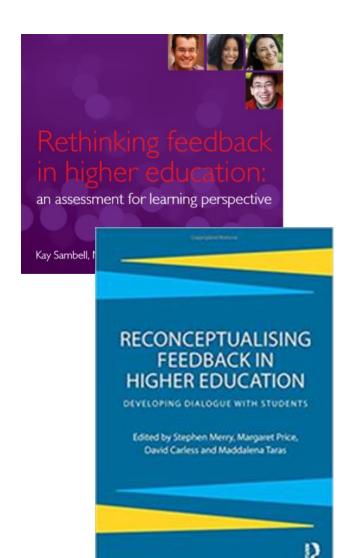


Feedback -rich activities recognise that to improve learning it's vital to focus attention on **students' active engagement** with **feedback processes**

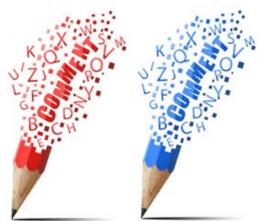


Activities which bolster students' abilities to hone their reflective skills, self-assessment capabilities, develop evaluative judgment

We need to rethink our concepts of feedback in higher education







Winstone and Carless argue that

OLD PARADIGM

Feedback as information

Focus on delivery

Students receive comments

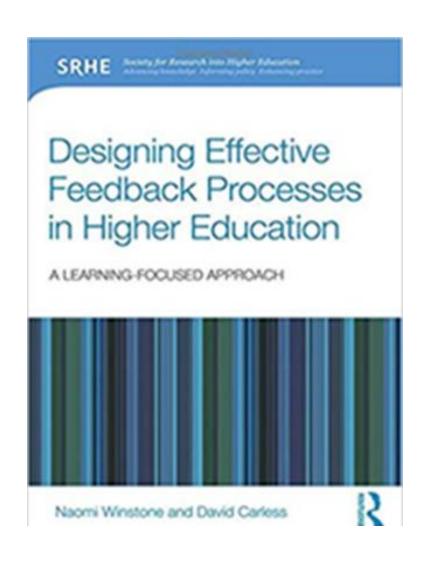
NEW PARADIGM

Feedback as sense making

Focus on student uptake

Students generate comments

(Winstone and Carless, 2020 p 9)



Examples of designs which enable application of feedback information (feeding forward)



Drafts plus revisions



Work-in-progress presentations

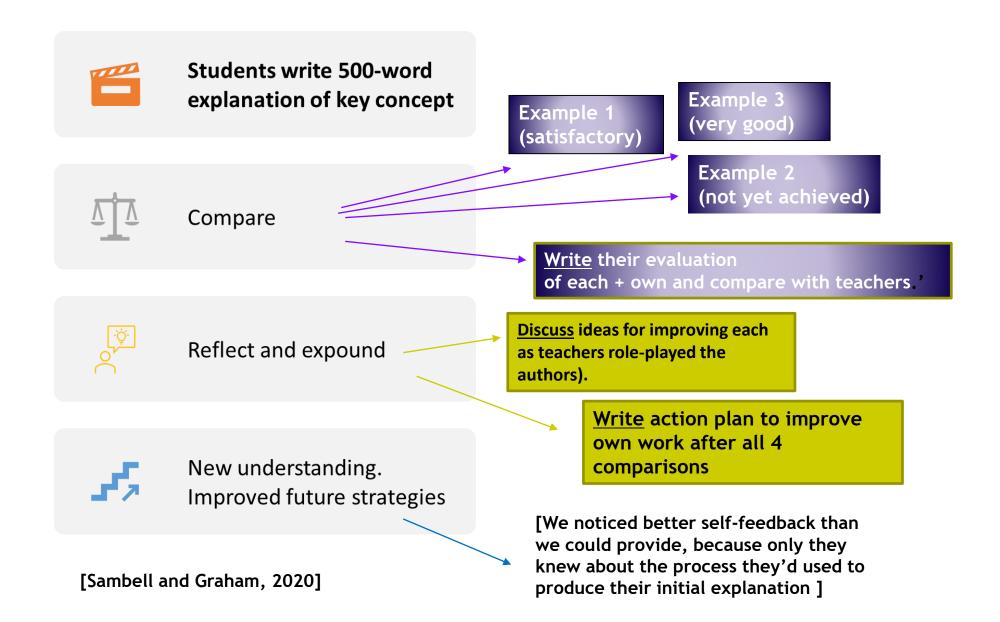


Breaking overall task into two linked components



"[The teacher] has actually sat down and said 'this is where you're going wrong, you might want to try this.' And I really like that. That helped me a lot."

Dialogic use of exemplars as learning resources



Transformed roles for students in the feedback process



 "I used rather informal language, and I saw I have to change that."



 "When we discussed this task in class I realised that what I had written didn't focus on the question, and I had looked more at socialisation rather than social construction. It was this that made me read around the subject more."



 "Having to comment on someone else's presentation makes you think a lot more, made you more aware...by looking at other people's work you were seeing what you're good at and what you need to improve on...."

One manageable strategy to consider: activating inner feedback via comparison-making.....



"Internal feedback is the **new knowledge** that students generate when they **compare** their current knowledge/competence against some **reference** information" (Nicol, 2020: p2)

Thank you! Contact us:

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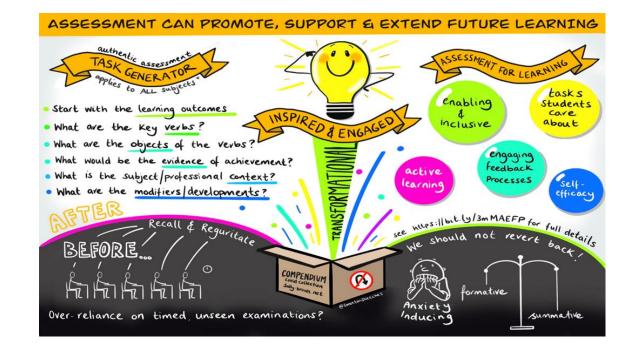
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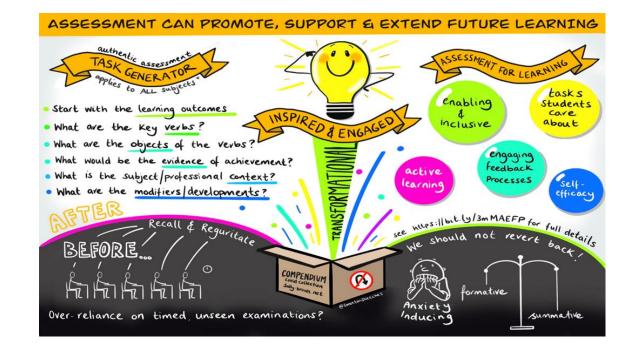
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References and other useful reading

- Arnold, L (2021) Reflective cards: authentic assessment Available from https://lydia-arnold.com/2021/04/08/authentic-assessment-top-reflective-trumps-cards/
- Arnold, L., Williams, T. and Thompson, K., (2009). Advancing the Patchwork Text: The Development of Patchwork Media Approaches. *International Journal of Learning*, 16(5).
- Ashford-Rowe, K., Herrington, J. and Brown, C. (2014) 'Establishing the critical elements that determine authentic assessment', Assessment and Evaluation in Higher Education, 39(2), pp. 205–222. doi: 10.1080/02602938.2013.819566
- Bjerrum Nielsen, S. (2020a) (blog) 'Preventing Academic Misconduct in digital exams using third-party programs' https://uniwise.co.uk/blog/preventing-academic-misconduct-in-digital-exams-using-third-party-programs (accessed May 2020).
- Bjerrum Nielsen, S. et. al. (2020b) (blog) 'WISEcon 2019: Beyond the standard written exam' https://uniwise.co.uk/blog/wisecon-2019-beyond-standard-written-exam (accessed May 2020).
- Boud D and Dawson P (2021) What feedback literate teachers do: an empirically-derived competency framework, Assessment & Evaluation in Higher Education, DOI: 10.1080/02602938.2021.1910928
- Brown, S. and Race, P. 'Using effective assessment and feedback to promote learning' in Hunt, L. and Chalmers, D., 2020 (at press). *University teaching in focus: A learning-centred approach*. Routledge.
- Brown, S. and Sambell, K (2020a) 'Contingency planning: exploring rapid alternatives to face to face assessment' Downloadable from https://sally-brown.net/2020/03/13/assessment-alternatives-at-a-time-of-university-closures/ (accessed May 2020).
- Brown, S. and Sambell, K (2020b) Fifty tips for replacements for time-constrained, invigilated on-site exams Downloadable from https://sally-brown-coronavirus-contingency-suggestions-for-replacing-on-site-exams/ (accessed May 2020).
- Buckley, A. (2020) Heriot Watt University Adapting your assessments: supporting student online learning toolkit https://lta.hw.ac.uk/sslo-assessment/ (accessed May 2020).

References 2

Carless, D. 2015. Excellence in University Assessment: Learning from Award-Winning Practice. London: Routledge

Clarke, J.L. and Boud, D., 2018. Refocusing portfolio assessment: Curating for feedback and portrayal. *Innovations in education and teaching international*, 55(4), pp.479-486.

D'Arcy Norma dot net (blog), March 31, 2020. 'Online Exam Proctoring'; https://darcynorman.net/2020/03/31/online-exam-proctoring/ (accessed May 2020)

https://www.pebblepad.co.uk/

Ghandi, S (2016) Lessons from the coalface: supporting inclusivity. Lessons of an accidental inclusivist. Advance HE Equality and Diversity in L and T: . https://s3.eu-west-2.amazonaws.com/assets.creode.advancehe-document-manager/documents/ecu/ED-in-LT-Section-B 1573211644.pdf

Godfrey, J., (2020). The Student Phrase Book: Vocabulary for Writing at University. Macmillan International Higher Education.

Gordon, D. (2020) Don't Panic: the Hitchhiker's Guide to alternative online assessment. http://www.damiantgordon.com/Guide.pdf

HEA (2012) A Marked Improvement: transforming assessment in higher education, York: Higher Education Academy. (http://www.heacademy.ac.uk/assets/documents/assessment/A Marked Improvement.pdf

Healey, M., Flint, A. and Harrington, K., 2016. Students as partners: Reflections on a conceptual model. Teaching & Learning Inquiry, 4(2), pp.1-13.

Hendry, G. (2020) Practical assessment strategies to prevent students from plagiarising https://www.sydney.edu.au/education-portfolio/ei/news/pdfs/Practical%20assessment%20strategies%20to%20prevent%20students%20from%20plagiarising3.pdf

Henderson, M., E. Molloy, R. Ajjawi, and D. Boud. 2019a. "Designing Feedback for Impact." In The Impact of Feedback in Higher Education edited by M. Henderson, R. Ajjawi, D. Boud, and E. Molloy 267–285. London: Palgrave Macmillan.

Henderson, H.,. M. Phillips, T. Ryan, D. Boud, P. Dawson, E. Molloy, and P. Mahoney. 2019b. "Conditions That Enable Effective Feedback." Higher Education Research & Development 38 (7):1401–1416. doi:1 0.1080/07294360.2019.1657807.

Hounsell, D. 2007. "Towards More Sustainable Feedback to Students." In Rethinking Assessment in Higher Education: Learning for the Longer Term edited by D. Boud & N. Falchikov 101–113. London: Routledge

References 3

- Joughin, G. (2010) A short guide to oral assessment http://eprints.leedsbeckett.ac.uk/2804/1/100317 36668 ShortGuideOralAssess1 WEB.pdf
- JISC (2015) https://www.jisc.ac.uk/guides/transforming-assessment-and-feedback/assessment-design
- Lawrence, Jenny. (2020) Designing out plagiarism for online assessment. https://thesedablog.wordpress.com/2020/04/02/online-assessment/ (accessed May 2020).
- Logan, D., Sotiriadou, P., Daly, A. and Guest, R., 2017, October. Interactive oral assessments: Pedagogical and policy considerations. In *E-Learn: World Conference on E-Learning in Corporate, Government, Healthcare, and Higher Education* (pp. 403-409). Association for the Advancement of Computing in Education (AACE).
- Nicol, D., 2020. The power of internal feedback: exploiting natural comparison processes. Assessment & Evaluation in Higher Education, pp.1-23.
- Radclyfe Thomas, N. (2012) 'Blogging is additive' in Increasing Student Engagement and Retention using Online Learning Activities: Wikis, Blogs and Webquests Cutting-edge Technologies in Higher Education, Volume 6A, 75107 by Emerald Group Publishing Limited.
- RSA(2020) www.thersa.org
- Sambell, K. Brown, S and Race, P (2019) Combatting Contract Cheating. DLTE Edinburgh Napier Quick Guide (#14) https://staff.napier.ac.uk/services/dlte/Pages/QuickGuides.aspx
- Sambell, K. and Brown, S. (2020) The changing landscape of assessment: some possible replacements for unseen, time-constrained, face-to-face invigilated exams.
- Sambell, K., Brown, S. and Race, P., 2019. Assessment as a locus for engagement: priorities and practicalities. *Italian Journal of Educational Research*, pp.45-62.
- Sambell, K. and Graham, L., 2020. "We need to change what we're doing." Using pedagogic action research to improve teacher management of exemplars. *Practitioner Research in Higher Education*, 13(1), pp.3-17.
- Sambell, K, McDowell, L and Montgomery, C. (2013) Assessment for Learning in Higher Education. Routledge.

References 4

Sotiriadou, P., Logan, D., Daly, A. and Guest, R., 2019. The role of authentic assessment to preserve academic integrity and promote skill development and employability. *Studies in Higher Education*, pp.1-17.

Villaroel, V., Boud, D., Bloxham, S., Bruna, D. and Bruna, C., 2020. Using principles of authentic assessment to redesign written examinations and tests. *Innovations in Education and Teaching International*, 57(1), pp.38-49.

Webster, H. and Crow, C. (2020) Newcastle University Writing Centre

https://eur02.safelinks.protection.outlook.com/?url=https%3A%2F%2Fblogs.ncl.ac.uk%2Facademicskills%2Ffiles%2F2020%2F05%2FWriting-coursework-under-time-constraints-

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Webster. H. (2020) Writing Development Centre Newcastle University 'WDC explains it all in one slide Higher Order Thinking: Critical Analysis' https://www.youtube.com/watch?v=dqyJVotAOdo (accessed May 2020).

Winstone, N. E., and D. Carless. 2019. Designing Effective Feedback Processes in Higher Education: A Learning-Focused Approach. London: Routledge

Winstone, N. E., & Boud, D. (2019a). Developing assessment feedback: From occasional survey to everyday practice. In S. Lygo-Baker, I. M. Kinchin, & N. E. Winstone (Eds.), Engaging student voices in higher education: Diverse perspectives and expectations in partnership (pp. 109–123). Palgrave.

Winstone, N. E., & Boud, D. (2019b). Exploring cultures of feedback practice: The adoption of learning-focused feedback practices in the UK and Australia. Higher Education Research and Development, 38(2), 411–425.

Winstone, N. E., & Boud, D. (2020). The need to disentangle assessment and feedback in higher education. Studies in Higher Education, 1–12. Advance Online Publication.

Wood, G. (11 May 2020) Preparing students for take-home and Open Book exams https://www.garycwood.uk/ 2020 7 Tips for students on the day of the exam itself: https://www.garycwood.uk/2020/05/sitting-your-take-home-and-open-book-exams.html, University of Sheffield | Department of Mechanical Engineering.