

RUN LEARNING AND TEACHING AWARDS 2025

Name: Dr Lucie Newsome

Institution: University of New England

Title: Personalised learning through H5P workbooks, tutor bots and meaningful assessment

Abstract: To accommodate a diverse student cohort with multiple competing demands, I adopt a learner-centred, personalised approach that is supported by digital technologies such as interactive H5P workbooks, tutor bots and meaningful assessment and feedback. The H5P workbooks that I have developed include short videos, folding text blocks and multiple-choice and fill-in-the-gap quizzes. I have coupled H5P workbooks with a unique tutor bot to create a novel innovation in a Business School unit called Employment Relations. I developed a Cogniti tutor bot called ,Henry, named after a key historical figure in the unit, content and using his picture as an avatar. He provides answers to learners, questions, scaffolded information and encouragement. This creates a more personalised, more meaningful learning experience which supports student motivation and engagement. Through Henry, I am able to respond to a diverse cohort instantly and in a more targeted way. Using H5P workbooks and generative AI tutor bots allows students to have greater control over the pace of their learning, reduce cognitive load, receive instant feedback on their understanding, scaffolded learning and a greater degree of interaction. The results include better student evaluations, higher engagement and more joy.