Improving secondary students' revision of physics concepts through computer-mediated peer discussion and prescriptive tutoring

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Studies suggest that students may ignore or misuse teacher commentary when revising drafts. Sometimes they misunderstand it (Ferris 1995; Conrad & Goldstein 1999), or they understand the problems pointed out but are unable to come up with a suitable revision (Ferris 1997; Conrad & Goldstein 1999), and sometimes this causes them to simply delete the offending text to avoid the issues raised (F. Hyland 1998). One area of research has been to look at ways of improving both the quality of written peer feedback given and the quality of the peer interactions through training and preparation. Studies generally suggest that careful preparation and training are essential for successful peer response. Concepts of Modern Physics. Sixth Edition. Arthur Beiser . Boston Burt Ridge, II, Dubuque, IA

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