Prof Richard Kimbell

Technology Education Research Unit TERU)
Goldsmiths University of London

US Dept. of Labor (1991)

personal qualities thinking skills responsibility creative thinking self esteem decision-making sociability problem-solving seeing in the mind's eye selfmanagement knowing how to learn integrity / reasoning honesty

'What Work Requires of Schools - A SCANS report for America 2000.'

US Govt Printing Office

M.G.Allen (1993)

'Improving the Personal Skills of Graduates: a conceptual model of transferable personal skills.'

Sheffield Employment Department

autonomous learning communication skills creativity critical thinking problem solving taking responsibility team working working effectively alone

creativity & innovation
critical thinking
learning to learn
communication
collaboration/teamwork

Draft White Paper 1 (Univ of Melbourne)

Defining 21st century skills

Marilyn Binkley, Ola Erstad, Joan Herman, Senta Raizen, Martin Ripley with Mike Rumble

decisions by design

unpacking wicked tasks

thinking as another

recursive, iterative thinking

playing with reality

modelling futures (balancing innovation and risk)

managing tasks over time

living with uncertainty

team working and collaboration

