

Term Autumn 2003	CILS Seminar 1 <u>Learning and Knowledge</u> led by Professor Richard Duschl	Link to CILS core readings/ research	Topics and Voices
Thurs 25 September 2.30 – 4.30	Issues and Trends in Science Learning, Ways of Knowing Science, Research – The Big Picture		
Thurs 2 October 2.30 – 4.30	Foundational Perspectives on Learning: Conceptual Change and Schema Theory		Posner et al, Driver McCloskey
week beg 6 Oct Thurs 16 Oct 2.30 – 4.30	Foundational Perspectives on Learning: Information Processing & Memory Foundational Perspectives on Learning: Socioculture & Language	Brown & Campione Rogoff et al 2003 Rosebery et al 1992	Brown, Bransford, Resnick, Driver, Rogoff, Cobb, Wertsch
Thurs 23 Oct 5.30 – 7.30	Foundational Perspectives on Learning: Motivation and Affect		Pintrich, Ames, Schunk
Thurs Oct 30 5.30 – 7.30	Structure of scientific knowledge and enquiry: Hypothetical Deductive Models – The Received View		Hempel, Popper,
Thurs 6 Nov 2.30 – 4.30	Structure of scientific knowledge and enquiry: Theory and Theory Change – The Historical Turn	Duschl, 1990	Kuhn, Lakatos, Laudan, Nersessian
Thurs 13 Nov 2.30 – 4.30	Structure of scientific knowledge and enquiry: Models – The Cognitive Turn		Giere, Kitcher, Thagard
Thurs 20 Nov 2.30 – 4.30	Structure of scientific knowledge and enquiry: Rhetoric – The Social/Cultural Turn	Driver, et al (1996)	Collins, Shapin, Fuller, Fox-Keller, Longino