

Notes to activities

Chapter 1

Activity (page 6)

AOK	Second-order knowledge claim	Second-order knowledge question
Arts – Literature	To be a reliable interpreter of art, one must have been trained at university	Would a 17-year old's <i>interpretation</i> of poetry be as reliable as a university professor's?
Languages	Some concepts in a language cannot be fully understood unless you have grown up in that culture	How does not living in a culture make it difficult to understand about the importance of traditions and <i>values</i> within that culture?
History	Historians sometimes use their own values as lenses to explore the past	How does the historical community manage the fact that all historians have their own <i>perspectives</i> ?
Economics	Different economic models suggest different outcomes in relation to policy changes	Is the concept of 'benefit' too qualitative to be measured <i>objectively</i> ?
Biology	Technology needs to produce data that is reliable	How can we be sure that the technology used to conduct experiments are reliable?
Chemistry	The Periodic Table models how elements are related to one another in terms of atomic weight	What role do models play in developing new knowledge in the natural sciences?
Mathematics	Mathematics makes extensive use of deductive argument	When is trial and error an appropriate method to construct mathematical knowledge?
Arts – Music	Being educated in music teaches you to search for and appreciate patterns and development in musical structure	How does one become an 'authority' in making aesthetic judgements?
Politics	Some knowledge is inappropriate for certain people	In what ways does limiting the <i>power</i> of a community help or hinder the progress of knowledge?