

Cogs 102A * READING PROMPT

Hutchins, E. (2010b) Enaction, imagination & insight. In J. Steward, O. Gapenne & E. A. Di Paolo (Eds) *Enaction: Toward a New Paradigm for Cognitive Science*. pp: 387-424, MIT Press.

1a) What is the “Three Minute Rule”?

1b) How does it involve... Tools?

1c) ... Multimodal activity ?

1d) ... Culturally shaped perceptual processes ?

1e) ... Highlighting ?

2) Give an example from this paper of the role of affect (emotion) in problem solving.

3) Insight - the “Aha!” experience - has traditionally been assumed to be the product of an interaction between unobservable mental representations. Describe an example from this paper that demonstrates how focusing on the “engagement of the body with culturally meaningful materials” can allow us to observe how such insights occur.

4) Hutchins argues that expertise allows a “course of action” to become a “train of thought”. Describe how, through repeated embodied experience with the relevant tools and practices may enable expert navigators to “think like a compass”.