







	Exam	ole	1
Schemata – restau characteristic scena	rant script (spectric) rio of behaviour in	cific schemata which describ n a particular setting).	bes
Script	Component	Specific action	
Eating at a restaurant	Entering	Walk into restaurant Look for table Decide where to sit Go to table Sit down	
	Ordering		
	Eating		
	Leaving		



Mental Models

- constructs explaining human understanding of objects and phenomena (Johnson-Laird, 1981).
- deeply rooted assumptions, continuously processed for each situation (Henderson, 2002).
- representations of some domain or situation that support understanding, reasoning, and prediction (Gentner, 2002).
- representations that users adopt to guide their interactions and aid their understanding of the system (Hanisch, 1991).
- r representations that are more than mere copies of the external reality: such representations consist of a higher organisation of knowledge with an integrated structure (Winn, 2003).





















Characteristics

- Cognitive maps are complex, highly selective, abstract and generalised representations which bear merely a functional analogy with the environment which inspired them
- Maplike mental constructs that can be mentally inspected
- The basic components of cognitive maps are organised in an emergent hierarchical structure which ensures flexibility, anticipation and decision making in the space of future potential events.
 - Define boundaries of places of interest
 - Integrate separately learned routes into a configuration as a whole
 - Allow an overview, the so-called bird's eye view































Purpose of mental models Means of communication Understanding Predicting & control Training (Wahlstrom88) user mental models "should help to explain aspects of the user's performance, learning and reasoning about a system, as well as providing guidelines for good design". (Young, 83)





storistics		
individual		
	cteristics individual	cteristics Individual