

Educational Uses of a Dynabook

Adele Goldberg, Xerox 1979

"The Dynabook personal computing concept...is a new communications tool based on the retrieval of dynamic information. The concept is visualized as a portable computing facility the size of a notebook and consisting of a high-resolution graphic output device with touch sensitive surface, pen-like pointing device and audio output capability."

"Symbolic representations are used for communication of ideas, facts, and feelings. Learning to translate experience into more powerful systems of notation and ordering has been emphasized by many educators as a primary objective of education (see Bruner)."

"Computer-based retrieval is a form of asking questions in order to get appropriate and/or useful answers: how the information can or should be stored is a problem in organizing information to expedite later retrieval without hindering its association with unanticipated yet related needs."

"In particular, we must understand considerably more about how people store information to be retrieved in various ways by the storer or by other users, how the system might assist its users in browsing the stored items, and the various ways it should be possible to retrieve and sort information for incorporation into a running simulation, sorted either by user editing or by program control."