

The Coming Revolution in Education

Education in America is about to undergo a rapid and profound transformation! The greatest changes will be seen in its children's early years. Within a few years, most will be reading effectively by the age of six or seven. Information technologies that are now under development will turn PCs and other digital display devices into electronic reading machines that will enable all their users to read – and will enable most readers to continually increase their reading skills and abilities.

One of the new information technologies that will lead to such pervasive changes is *the mudoc technology*. (“Mudoc” is a contraction of “**m**eaning **u**nit **d**ocument” and is pronounced with a long “u” as in “music”.) The centerpiece of the mudoc technology is a software invention, *interactive movable type*. This new kind of movable type will change the relationship between readers and text. Unlike conventional text, which is opaque to those individuals who are not familiar with the words used in the text, the words set in interactive movable type can instantly be made transparent. The transparency will be brought about through collections of powerful, but easy to use, supporting tools that enable the reader to perceive and understand any of the words or phrases used in the text.

One collection of tools, the *mudoc reference substructures*, will enable the reader to extract extensive data about any word encountered in the text. Further, each reader of text set in interactive movable type (which, for short, is usually called “movable type”) will have access to the design tools that determine how the text is to be presented. The reader can have the text presented in whatever way makes it easiest for him or her to see (and/or hear) and understand – as you'll see if you watch *MuvieTime*, the video presentation available from The Mudoc Corporation.

Several Web pages at mudoc.com explain and demonstrate how movable type will facilitate reading. The Web page, “A New Relationship between People and Text,” at <http://www.mudoc.com/crwr/crwrscr1.htm> explains the rationale of the mu typography, a perceptually more efficient way of displaying text. Three additional pages, “The End of Illiteracy,” at <http://www.mudoc.com/illiteracy.pdf>, “On Saving a Dying Planet” at <http://www.mudoc.com/sustainingEarth.pdf>, and “Life in a World of Superreaders” at <http://www.mudoc.com/crwr/crwrscr8.htm> describe the role that the interactive movable type software will play in the coming revolution.

Other pages at mudoc.com that describe different aspects of the transformation in education are “The Classroom of Tomorrow: An Educational Wonderland” at <http://www.mudoc.com/newclass.pdf>, “Tomorrow's Screenless PC” at <http://www.mudoc.com/screenlesspc.pdf>, and “Testing in Tomorrow's Schools” at www.mudoc.com/FutureTests.pdf.

To preview all the impending changes in education we expect to see in the U.S. – and, soon, in all other nations – peruse the pages cited above and the other pages at mudoc.com – and watch *MuvieTime* on YouTube.com – then draw your own conclusions.

Wayne Reed Porter

The Mudoc Corporation