FOR YOUR INFORMATION

From the Media Periodicals

This column is designed for those AMTEC readers who like to keep up with the media-related literature. The following quick reference list provides an author-title information for six key journals in the educational media and technology field over the past six months.   Ed.

By Pat Wright

BRITISH JOURNAL OF EDUCATIONAL TECHNOLOGY, Jan. 1982.

Hargie, O.D.W., "Research paradigms and theoretical perspectives in microteaching".

Barker, P.G., "Some experiments in man-machine interaction relevant to computer assisted instruction".

Beauchamp, K.G. "Schools computer education in Australia".

Romiszowski, A.J., "A new look at instructional design. Part II. Instruction: integrating one's approach".

Harris, N.D.C., and Bailey, J.G., "Conceptual problems associated with evaluation of educational technology courses".

EDUCATIONAL COMMUNICATION & TECHNOLOGY JOURNAL, Spring, 1982.

Petersson, Rune, "Cultural differences in the perception of image and color in pictures".

Bruffee, Kenneth A., "CLTV: collaborative learning television".

Winn, William, "Visualization in learning and instruction: a cognitive approach".

MEDIA AND METHODS, March, 1982.

Elliott, David L., "The electronic poet: using computer haiku in the poetry class".

von Altendorf, Alan, "Classroom video use: a case for leaving the cameras switched "on"".

Ellison, Judith, "Career write-on".

MEDIA AND METHODS, May/June, 1982

"Tex: classroom guide".

Stanek, Ron Willett, "A teacher's guide to the paperback editions of the novels of S.E. Hinton".

Robin, Lisa, "S.E. Hinton knows how to write for the young and the restless".

EDUCATIONAL TECHNOLOGY, April, 1982.

Eisele, James E., "Instructional computing: teaching problem solving with computers".

Brudner, Harvey J., "Light on: the decline in science education".

Bork, Alfred, "Computers and learning: don't teach BASIC".

Hasselbring, Ted S., "Remediating spelling problems of learning-handicapped students through the use of microcomputers".

Diekhoff, George M., and Diekhoff, Karen Bembry, "Cognitive maps as a tool in communicating structural knowledge".

Menis, Yosef, "Educational technology research: substituting closed-cicuit television for the science laboratory".

Lehave, Stephen and Braman, Gary, "The Atlanta slaying: telecommunications research supplies new findings".

Proger, Barton, B., "Some heresay about linking routine decision-making, planning, and program evaluation".

Babbs, Patricia W., "The accidental revolution and higher education: administration fiddles while computers doze".

EDUCATIONAL TECHNOLOGY, May, 1982.

Spitzer, Dean R., "Training technology: instructional design made simple".

Merrill, M. David, "Doing it with authoring systems".

Forman, David C., "Training today: self-paced training materials".

Braden, Roberts A., "Instructional design: a topical inventory".

Ragan, Tillman J., "The oldest medium".

Moore, John F., "Institutional television and technological change: new approaches and opportunities".

Braden, Roberts A., "Using motion pictures as a resource: a new option brought about by television and interactive computers".

Jurgemeyer, Fred H., "Programmed instruction: Lessons it can teach us".

EDUCATIONAL TECHNOLOGY, June, 1982.

Hortin, John A. "Introspection and visual thinking for the instructional technologist".

Jay, Timothy B., "The future of educational technology".

Diem, Richard A., "Education and computer technology: some unresolved issues".

Grossnickle, Donald R. (et al). "Profile of change in education: a high school faculty adopts/rejects microcomputers".

"Developments in learning psychology; implications for instructional design; and effects of computer technology on instructional design and development: an interview with Robert M. Gagne".

INSTRUCTIONAL INNOVATOR, March, 1982.

Anderson, Charles, "Digital video: how it works, what it can do, and when it's coming".

Zaks, Rodney, "When your computer fails: a handy guide to basic trouble-shooting".

Clement, Frank, "Digital made simple".

Thompson, James, "The little computer that could".

Sanders, William H., "Going digital".

INSTRUCTIONAL INNOVATOR, May, 1982.

Condon, Joyce J., "Ecucation can win big in cable TV".

Long, Sandra M., "Tranforming our society: an interview with Donald L. Ritzer, inventor of the PLATO computer system".

Sharkan, William and Goodman, John E., "Improving the climate for educational technology".

PROGRAMMED LEARNING AND EDUCATIONAL TECHNOLOGY, Feb. 1982.

Vazquez-Abad, Jesus, Winer, Laura R., and Brassard, M.L. "Systems analysis in small educational systems: a case study".

Romanowska, Maria, "Audiovisual media in Polish elementary and distance education — some problems and perspectives".

Kabanova, O. Ya, "The teaching of foreign languages".

Reshetova, Z.A., "The technology of the formation of practical abilities and skills".

Volodarskaya, I.A., "Teaching the general methods of geometrical transformation".

Salmina, N.G. and Sorbina, V.P., "Teaching a general approach to problem solving".

Gabay, T.V., "The current state and prospects of automated teaching systems in the USSR".

Talyzina, N.F., "The theoretical bases of the elaboration of teaching programmes".

Cryer, Pat, "The acceptability and dissemination of materials to support staff development in universities and polytechnics in the United Kingdom".   □

Mediography

The feature heading "Mediography" is not a recognized word in Webster's. The closest term is "bibliography." But most bibliographies are print oriented only. We have therefore coined the term mediography to refer to a media bibliography which counters this imbalance.   Ed.

Media about computers

By Nancy Lane

Described below are a number of media programs about Computers. Except for "Computer Glossary", all are post-1978 productions. Most of these media programs have been previewed and evaluated favorably by University of Manitoba faculty.

COMPUTER GLOSSARY Motion Picture, Eames (Visual Educaton Centre), 1973, 10 mins., sd., col.

This delightful film by Charles Eames is still an excellent introduction to the world of computers. It defines and illustrates computer terminology and the world of the computer.

THE COMPUTER PROGRAMME Videorecording, BBC, 1982, 25 mins. ea., sd., col.

This new series of 10 introduces the world of computers to the beginner of any age. Titles are: "It's Happening Now", "One Thing After Another", "Talking to A Machine", "It's On the Computer", "The New Media", "Sound and Moving Pictures", "Let's Pretend", "The Thinking Machine", "In Control", "Things to Come".

THE COMPUTER SERIES Videorecording, University of Manitoba (Thomas Howe), 1978, 23 mins. ea., sd., col.

This series, with Professor M. Laucht, examines computers and their uses in everyday activities. Titles are: "What Is A Computer", "Computers and the Blind", "Computerized Supermarkets", "Everybody's Computer".

COMPUTERS AND THE FUTURE Motion Picture, Time Life (Marlin Motion Pictures), 1981, 30 mins., sd., col.

An exploration of the impact of computer technology on our future life—on the way we live, work, and play. With futurologist Peter Swartz. From the Media Probes series.

COMPUTERS, SPIES, AND PRIVATE LIVES Motion Picture, Time Life (Marlin Motion Pictures), 1982. 59 mins., sd., col.

This new NOVA program looks at another aspect of computer technology—the infringement of computers into the individual's private life. Described in detail are the computer banks which store this "private" information, as well as computer thieves. Also examined are "telecom" and "smart cards".

DON'T BOTHER ME I'M LEARNING Motion Picture, McGraw-Hill, 1981. 24 mins., sd., col.

This program illustrates the use of the computer as a learning tool in the classroom. Interviews with teachers, parents and children are included.

HOW DOES A COMPUTER WORK Motion Picture, Video Arts (International Telefilm Enterprises), 1982. 15 mins., sd., col.

This program looks at another aspect of computers—their role in business, "The Computer in the Office" proves that a well utilized computer can be a valuable asset for any company.

LITTLE COMPUTERS: SEE HOW THEY RUN Videorecording, EDSC (Thomas Howe), 1979. 15-20 mins. ea., sd., col.

This series of 8 programs introduces the workings of the computer, computer terminology, and computer technology. Titles are: "Meet the Computer", "Inside the Computer", "CPU and Memory", "Mass Storage Devices", "Character I/O Device", "Making Things Happen", "Data Communication", "Speech, Music and Graphics".

THE MIND MACHINES Motion Picture, Time Life (Marlin Motion Pictures), 1979. 57 mins., sd., col.

This film illustrates the concepts of artificial intelligence and how these concepts will find practical application in the future. The film depicts computerized chess programs, computerized medical diagnosis and computer controlled robots.

NOW THE CHIPS ARE DOWN Motion Picture, BBC, 1978. 50 mins., sd., col.

An examination of the silicon chip and its effects on society. This program looks at how the chip is made, why it was invented, its uses now, and its projected uses—science fiction fantasies which seem to be now occurring.

THE ROBOTS ARE COMING Motion Picture, BBC, 1979. 50 mins., sd., col.

An examination of the invention of robots—what they are doing now and the projected effect of "smart" robots on industry and on daily activities.

THE SILICON FACTOR Motion Picture, BBC, 1980. 40 mins., sd., col.

These programs examine microelectronic technology.

No. 1. "What's It All About" — on the silicon chip and its application and implications.

No. 2. "Sink or Swim" — on silicon chip technology and the implications in industry.

No. 3. "And What of the Future" — on the effects of chip technology in jobs, on how people live, on the "work ethic" itself.   □