

Contents

<i>Introduction</i>	9
Section 1: Some Trends in the Technology	
The Personalized System of Instruction <i>J Gilmour Sherman</i>	14
Continuing Education <i>L Evans</i>	20
Resource-Based Learning <i>C Blake</i>	24
Operational Research in a Learning Resources Centre: An Application of Queueing Theory <i>P D Mitchell</i>	27
Computer-Generated Examinations and Tests <i>A J Romiszowski</i>	39
The Open University, United Kingdom <i>A W Bates</i>	46
Developments in New Media <i>J Leedham</i>	56
Where to Read More – A Short Selected Bibliography <i>Anne Howe & A J Romiszowski</i>	59
Section 2: Current State of the Technology – Worldwide	
UNITED KINGDOM	
The Schools and Educational Technology <i>J H Embling</i>	80
The Present State of Educational Technology in Higher Education <i>D Mortimer</i>	83
The Use of Educational Technology in Teacher Education <i>A Bhushan</i>	87
The Uses of Educational Technology in Industry <i>J Green</i>	93
The Uses of Programmed Learning and Educational Technology in Medical and Nurse Education <i>Sheila M Marson & R E Wakeford</i>	95
Educational Technology in the Civil Service <i>J Barton</i>	98
Educational Technology in the British Armed Forces <i>Group Capt A G Duguid</i>	103
The Nuffield Foundation Projects	108
APLET: its Activities, Officers and Publications <i>R E B Budgett</i>	114
NORTH AMERICA	
Educational and Instructional Technology in the USA: A 'State of the Technology' Appraisal of the Emerging Performance Technology <i>D H Bullock</i>	119
Educational Technology in Canada <i>P D Mitchell</i>	130
The National Society for Performance and Instruction <i>I Horabin</i>	140
LATIN AMERICA	
The Multinational Projects in Educational Technology of the OAS <i>C Chadwick</i>	142
Educational Technology in Brazil: A Latin American Case Study <i>A J Romiszowski</i>	148

Contents

AFRICA

- Cooperative Training Methods and Techniques in Tanzania
R Y Mwakatobe 157
- The State of Educational Technology in the Republic
of South Africa *F D Terblanche* 163

ASIA

- Satellite Instructional Television Experiment in India
C K Basu & K Ramachandran 167

AUSTRALASIA

- The Present State of Educational Technology in Australia
Brian & Vivienne Clarke 174

EUROPE

- Educational Technology in Germany and its European Context
Klaus Bung 177
- Educational Science in Holland *E M Buter* 207
- Educational Technology in Italy *Quentin Whitlock* 211
- Educational Technology in Eastern Europe *A J Romiszowski* 214

INTERNATIONAL PROJECTS

- Education and Training for Development: Towards United
Technologies in the United Nations? *H Dieuzeide* 219
- Management Training Material for Developing Countries *M Harper* 229
- The British Council and Educational Technology *R Sherrington* 238

Section 3: Directory to Centres of Activity and Organizations concerned with Educational Technology

UNITED KINGDOM

- The Network of Programmed Learning Centres 242
- Centres of Activity:* 246
- Universities
 - Polytechnics, Colleges of Technology, Colleges of Education etc
 - Research Centres and Resource Groups
 - Armed Forces
 - Associations and Other Bodies
 - Unclassified — only limited information received
- City and Guilds Examinations and Courses 275
- Other Courses 278
- Consultants in Programme Writing and Course Design 280

NORTH AMERICA

- Some Major Centres of Activity in the USA:* 282
- University Centres

Contents

Other Institutions Directory to Major Educational Technology, Instructional Resources and Media Centres in American Universities Organizations and Societies	
Universities in the USA offering Doctoral Programmes or other Post-graduate Courses	330
<i>Centres of Activity in Canada:</i>	333
University and Research Centres Organizations and Associations	
Specialist Journals Published in North America dealing with Aspects of Educational Technology	338
LATIN AMERICA	
<i>Centres of Activity: Brazil, Mexico, Peru</i>	343
AFRICA	
<i>Centres of Activity: Ghana, Nigeria, South Africa, Tanzania, Zambia</i>	346
ASIA	
<i>Centres of Activity: India, Japan, Thailand</i>	348
MIDDLE EAST	
<i>Centres of Activity: Iran, Israel, Tunisia, United Arab Republic</i>	351
AUSTRALASIA	
<i>Centres of Activity: Australia, New Zealand</i>	353
EUROPE	
<i>Centres of Activity: Austria, Belgium, Bulgaria, Czechoslovakia, Denmark, Finland, France, German Federal Republic, Holland, Hungary, Italy, Malta, Norway, Poland, Romania, Spain, Sweden, Switzerland, USSR</i>	355
Section 4: Programmed Materials on the Market (English Language)	
Guide to Section 4	376
List of General Subject Areas	377
Subject Index	379
Programmed Materials on the Market in the United Kingdom	386
Programmes Available in the USA	444
Publishers' List of Programmes	452
Publishers' Addresses	489

Contents

Section 5: Guide to AV Media on the Market

Preface	494
Teaching Machines	495
Filmstrip and Slide Projectors	499
Overhead Projectors	510
Cine Projectors	517
Sound Tape Recorders	527
Language Laboratories	533
Video-Tape Recorders	538
Lists of Technical Reports prepared by NCAVAE	545
Sources of Information on Instructional Materials Available in the USA	550