

**ATTACHMENT: AUTHORITY AND SOURCE DETAIL  
FOR “RESOURCE TYPE” ELEMENT\***

**ERIC Publication Types**

<<http://ericfac.piccard.csc.com/rr02.html>>

ERIC Ready Reference #2, last revised May 1997, lists publication type codes used in cataloging entries to the ERIC database

- **010** Books
- **020** Collected Works---General
- **021** Collected Works---Conference Proceedings
- **022** Collected Works---Serials
- **030** Creative Works (Literature, Drama, Fine Arts)
- **040** Dissertations/Theses---Undetermined
- **041** Dissertations/Theses---Doctoral Dissertations
- **042** Dissertations/Theses---Masters Theses
- **043** Dissertations/Theses---Practicum Papers
- **050** Guides---General (use more specific code, if possible)
- **051** Guides---Classroom Use---Instructional Materials (For Learner)
- **052** Guides---Classroom Use---Teaching Guides (For Teacher)
- **055** Guides---Non-Classroom Use (For Administrative and Support Staff, and for Teachers, Parents, Clergy, Researchers, Counselors, etc.)
- **060** Historical Materials
- **070** Information Analyses (State-of-the-Art Papers, Research Summaries, Literature Reviews, etc.)
- **071** Information Analyses---ERIC Information Analysis Products (IAPs)
- **072** Information Analyses---Book/Product Reviews
- **073** Information Analyses---ERIC Digests (Selected) in Full Text
- **074** Information Analyses---Non-ERIC Digests (Selected) in Full Text
- **080** Journal Articles
- **090** Legal/Legislative/Regulatory Materials
- **100** Audiovisual/Non-Print Materials
- **101** Audiovisual/Non-Print Materials---Computer Programs
- **102** Audiovisual/Non-Print Materials---Machine-Readable Data Files (MRDFs)
- **110** Statistical Data (Numerical, Quantitative, etc.)
- **120** Viewpoints (Opinion Papers, Position Papers, Essays, etc.)
- **130** Reference Materials---General (use more specific code, if possible)
- **131** Reference Materials---Bibliographies/Annotated Bibliographies
- **132** Reference Materials---Directories/Catalogs
- **133** Reference Materials---Geographic Materials/Maps
- **134** Reference Materials---Vocabularies/Classifications/Dictionaries
- **140** Reports---General (use more specific code, if possible)
- **141** Reports---Descriptive (i.e., Project Descriptions)
- **142** Reports---Evaluative/Feasibility
- **143** Reports---Research/Technical
- **150** Speeches, Conference Papers
- **160** Tests, Evaluation Instruments
- **170** Translations
- **171** Translations---Multilingual/Bilingual Materials

---

\* *Metadata for ED Web: Definitions, Controlled Vocabularies and Formats.* (Draft: Last Updated: September 18, 2000) Keith Stubbs, Office of the Chief Information Officer, U.S. Department of Education.

## ERIC THESAURUS

- **Publications**
  - Book Reviews
  - Books
    - Foreign Language Books
    - High Interest Low Vocabulary Books
    - Paperback Books
    - Picture Books
    - Textbooks
      - History Textbooks
      - Multicultural Textbooks
    - Yearbooks
  - Catalogs
    - Library Catalogs
      - Book Catalogs
      - Card Catalogs
      - Union Catalogs
    - Online Catalogs
    - School Catalogs
  - Comics (Publications)
  - Computer Software Reviews
  - Literature Reviews
  - Pamphlets
  - Reference Materials
    - Abstracts
    - Anthologies
    - Atlases
    - Bibliographies
      - Annotated Bibliographies
    - Citations (References)
    - Dictionaries
      - Glossaries
    - Directories
    - Discographies
    - Encyclopedias
    - Filmographies
    - Guides
      - Administrator Guides
      - Curriculum Guides
        - State Curriculum Guides
      - Faculty Handbooks
      - Laboratory Manuals
      - Leaders Guides
      - Library Guides
      - Program Guides
      - Study Guides
      - Teaching Guides
      - Test Manuals
  - Indexes
    - Citation Indexes
    - Coordinate Indexes

- Permuted Indexes
- Library Catalogs
  - Book Catalogs
  - Card Catalogs
  - Union Catalogs
- Thesauri
- Yearbooks
- Reports
  - Annual Reports
  - Conference Papers
  - Opinion Papers
  - Personal Narratives
  - Position Papers
    - Mission Statements
  - Practicum Papers
  - Research Reports
  - Theses
    - Doctoral Dissertations
    - Masters Theses
- School Publications
  - Faculty Handbooks
  - School Catalogs
  - School Newspapers
  - Student Publications
- Serials
  - Annual Reports
  - Bulletins
  - Conference Proceedings
  - Newspapers
    - Newsletters
    - School Newspapers
  - Periodicals
    - Foreign Language Periodicals
    - Scholarly Journals
  - Yearbooks
- State of the Art Reviews
- Test Reviews
- **Educational Media**
  - Audiovisual Aids
    - Instructional Films
    - Protocol Materials
  - Autoinstructional Aids
    - Teaching Machines
  - Instructional Materials
    - Advance Organizers
    - Bilingual Instructional Materials
    - Courseware
    - Experience Charts
    - Instructional Films
    - Laboratory Manuals
    - Learning Modules
    - Manipulative Materials

- Problem Sets
- Programmed Instructional Materials
- Protocol Materials
- Student Developed Materials
  - Student Writing Models
- Study Guides
- Teacher Developed Materials
  - Teacher Made Tests
- Textbooks
  - History Textbooks
  - Multicultural Textbooks
- Workbooks
- **Information Services**
  - Community Information Services
    - Hotlines (Public)
  - Information Dissemination
    - Propaganda
    - Publicity
      - Advertising
        - Television Commercials
      - Institutional Advancement
    - Referral
    - Selective Dissemination of Information
  - Information Processing
    - Data Collection
      - Sampling
        - Item Sampling
    - Data Processing
      - Input Output
        - Keyboarding (Data Entry)
      - Time Sharing
    - Documentation
      - Abstracting
      - Bibliometrics
        - Citation Analysis
          - Bibliographic Coupling
      - Cataloging
        - Machine Readable Cataloging
      - Filing
      - Indexing
        - Automatic Indexing
    - Information Retrieval
      - Online Searching
    - Information Storage
    - Word Processing
  - Library Services
    - Library Circulation
      - Interlibrary Loans
    - Library Extension
    - Library Technical Processes
      - Library Acquisition
        - Library Material Selection

- Reference Services
- Videotex
- **Nonprint Media**
  - Audiodisks
  - Documentaries
  - Exhibits
    - Science Fairs
  - Films
    - Foreign Language Films
    - Instructional Films
    - Kinescope Recordings
    - Single Concept Films
  - Filmstrips
  - Optical Disks
    - Optical Data Disks
  - Realia
  - Tape Recordings
    - Audiotape Recordings
    - Videotape Recordings
  - Transparencies
    - Slides
  - Videodisks
- **Visual Aids**
  - Bulletin Boards
  - Cartoons
  - Chalkboards
  - Charts
    - Experience Charts
    - Flow Charts
  - Diagrams
  - Display Aids
  - Films
    - Foreign Language Films
    - Instructional Films
    - Kinescope Recordings
    - Single Concept Films
  - Filmstrips
  - Geometric Constructions
  - Graphs
  - Illustrations
  - Maps
  - Microforms
    - Microfiche
    - Microfilm
      - Computer Output Microfilm
  - Photographic Equipment
  - Photographs
  - Projection Equipment
    - Filmstrip Projectors
    - Microform Readers
    - Opaque Projectors

- Overhead Projectors
- Tachistoscopes
- Raised Line Drawings
- Screens (Displays)
- Signs
- Tables (Data)
  - Expectancy Tables
- Three Dimensional Aids
- Transparencies
  - Slides
- Videodisks
- Video Equipment
  - Videotape Recorders
- Videotape Recordings

#### **Suggested Product Types for Regional Educational Laboratory Products**

List of 'Product Types' suggested by Ted Brandhorst, Director of ERIC Processing and Reference Facility to Jim Clemmens (OERI) in March 16, 2000 email correspondence attachment 'Data Fields to be Provided with Regional Educational Laboratory Products'

- Document/Book
  - Bibliography/Resource Guide
  - Book
  - Catalog
  - Conference Paper/Proceedings
  - Curriculum Material
  - Directory
  - Document (General)
  - Handbook/Guidebook/Manual
  - Research Report/Project Description
- Journal/Serial
  - Journal Issue
  - Journal Article
  - Newsletter
- Brochure/Folder/Booklet/Fact Sheet/Information Packet/Poster, etc.
- Non-Print Media
  - Audiotape
  - CD-ROM/DVD
  - Computer Diskette
  - Multi-Media Packet
  - Slides
  - Transparencies
  - Videotape
  - Web Site

#### **GEM Resource Type**

<[http://geminfo.org/Workbench/Metadata/Vocab\\_Type.html](http://geminfo.org/Workbench/Metadata/Vocab_Type.html)>

GEM is a consortium effort to catalog thousands of educational materials across hundreds of web sites. GEM uses a two-tiered subject vocabulary to describe major K-12 curriculum areas.

- Activity
- Artifact

- Best Practice
- Catalog Record
- Community
- Course
- Curriculum
- Data Set
- Educator's Guide
- Environment
- Event
- Form
- Image Set
- Lesson Plan
- Literature
- On-line Book
- Primary Source
- Project
- Realia
- Reference
- Research Study
- Secondary Source
- Service
- Story
- Study Guide
- Tool
- Unit of Instruction

#### Dublin Core Type Working Group

<<http://purl.oclc.org/dc/groups/type.htm>>

#### Dublin Core Working Draft List of Resource Types

<<http://purl.oclc.org/dc/documents/wd-typelist.htm>>

- collection
- dataset
- event
- image
- interactive resource
- model
- party
- physical object
- place
- service
- software
- sound
- text

#### **Dublin Core Education Working Group (dc-education)**

list of resource type vocabularies compiled by Jon Mason of EdNA

<[http://www.ischool.washington.edu/sasutton/dc-ed/type/Resource\\_Type\\_Vocabulary.html](http://www.ischool.washington.edu/sasutton/dc-ed/type/Resource_Type_Vocabulary.html)>

## **California Environmental Resources Evaluation System (CERES) – Data Types**

[<http://ceres.ca.gov/data\\_type/>](http://ceres.ca.gov/data_type/)

CERES is an information system developed by the California Resources Agency to facilitate access to a variety of electronic data describing California's rich and diverse environments. The goal of CERES is to improve environmental analysis and planning by integrating natural and cultural resource information from multiple contributors and by making it available and useful to a wide variety of users.

- Collections
  - Archives
  - Digital Libraries
  - Libraries
  - Museum Collections
- Recordings
  - Audio-Visual Materials
  - Sound Recordings
  - Video Recordings
- Datasets
  - Databases
  - Real-time Data
  - Survey Data
- Reference Services
  - Bibliographies
  - Cataloging Rules
  - Catalogs
  - Classification Systems
  - Dictionaries
  - Directories
  - Encyclopedias
  - Gazetteers
  - Information Services
    - Email Lists
    - Referral Services
  - Search Services
  - Metadata Standards
  - Subject Heading Lists
  - Thesauri
- Geographic Information
  - Aerial Photographs
  - Atlases
  - Geographic Information Systems
  - Maps
  - Orthophotos
  - Satellite Imagery
  - Spatial Data
- Textual Works
  - Abstracts
  - Advertisements
  - Articles
  - Bibliographies
  - Biographies
  - Books
  - Conference Papers
  - Correspondence



- Documents
- FAQs
- Fictional Works
- Legislation
- Manuals
- Metadata
- Monographs
- Periodicals
  - Journals
  - Magazines
  - Newsletters
  - Newspapers
- Plans
- Press Releases
- Proceedings
- Proposals
- Reports
- Requests for Proposals
- Solicitations
- Theses
- Images
  - Animations
  - Art Works
  - Drawings
  - Graphics
  - Motion Pictures
  - Photographs
  - Remote Sensing Images
- Other Information Types
  - Curricula
  - Expertise
  - Models
  - Organizations
  - Programs
  - Projects
  - Software
  - Websites

## ALEXANDRIA DIGITAL LIBRARY OBJECT TYPE THESAURUS

<<http://www.sdc.ucsb.edu/~mary/objtype.tes/index.htm>>

This hierarchical set of terms for describing (representing) object types has been created for the Alexandria Digital Library Project because no comparable set of terminology could be found that met our needs. Our intention is to eventually use such a structure of terminology to describe the "content type" or "logical type" of an item. Please note, however, that this Thesaurus has not been implemented and therefore has not been tested.

- collections
  - archives
  - catalogs
- datasets
  - data (use datasets)
  - survey data

- events
- geospatial works
  - cartographic works (use geospatial works)
  - charts (use maps)
  - geographic atlases
  - geologic sections
  - globes
  - maps
  - panoramic views
  - topographic profiles
- graphic works
  - diagrams
  - graphics (use graphic works)
- images (The content is primarily visual in two dimensions and is not text: for example, images, graphics, paintings, animations, diagrams. Note that "images" may include both electronic and physical representations. [adapted from the definition for "image" from the Dublic Core Resource Type & Format Working Group])
  - art works
    - art originals
    - art prints
    - art reproductions
    - paintings
  - motion pictures
    - animations
  - photographs
    - aerial photographs (Photographs taken from an air-borne vehicle within the earth's atmosphere, such as an airplane, balloon, or kite; from a camera strapped to a bird; or a person, such as a parachutist, in flight [Lib of Congress Thesaurus for Graphic Materials])
    - orthophotographs
    - photographs from space
  - remote-sensing images
    - aerial photographs
    - radar images
- individuals
  - experts
  - persons (use individuals)
- models
  - 3-dimensional models (use models)
  - geologic models (use models)
  - mathematical models (use models)
  - simulations (use models)
  - theoretical models (use models)
- multimedia packages
- musical works

- organizations
- physical objects (Three dimensional objects or substances which are not specifically covered by other terms.)
- projects
- recordings
  - audio (use sound recordings)
  - recorded sound (use sound recordings)
  - sound (use sound recordings)
  - sound recordings (The content is primarily audio: for example, music, speech, recorded sounds. [adapted from the definition for "sound" from the Dublin Core Resource Type & Format Working Group])
  - spoken word (use sound recordings)
  - video recordings
- services
  - interactive services
    - chat services
    - discussion lists
    - games
    - news groups
  - reference services
    - cataloging rules
    - classification systems
    - dictionaries
    - directories
    - gazetteers (place names dictionaries)
    - glossaries (use dictionaries)
    - metadata standards
    - subject heading lists
    - thesauri
- software packages (Computer programs which may be available for installation.)
  - computer programs (use software packages)
  - modeling software
  - software (use software packages)
- textual works (Resources in which the content is primarily words for reading: for example, books, letters, dissertations, poems, newspapers, articles. Note that facsimiles or images of texts are still of the type "textual works". (adapted from the definition of "text" from Dublin Core Resource Type & Format Working Group))
  - abstracts
  - articles
  - bibliographies
  - biographies
    - autobiographies
  - books (use monographs)
  - conference papers
  - correspondence
  - dissertations (use theses)
  - email messages (use correspondence)

- essays (use textual works)
- fictional works
  - dramatic works
  - plays (use dramatic works)
  - poems
- letters (use correspondence)
- listserv messages (use correspondence)
- manuscripts (use textual works)
- monographs
  - manuals
  - monographic series
- newsgroup messages (use correspondence)
- novels (use fictional works)
- papers (use conference papers)
- preprints (use articles)
- proceedings
- reports
- research papers (use conference papers)
- serial works
  - journals
  - magazines
  - newsletters
  - newspapers
- stories (use fictional works)
- technical reports (use reports)
- text (use textual works)
- theses

#### **Draft Standard for Learning Object Metadata (IEEE P1484.12/D4.0)**

<[http://ltsc.ieee.org/doc/wg12/LOM\\_WD4.htm](http://ltsc.ieee.org/doc/wg12/LOM_WD4.htm)>

Sponsored by the Learning Technology Standardization Committee of the Institute of Electrical and Electronics Engineers, Inc. (IEEE), the draft IEEE 1484.12 standard specifies the syntax and semantics of learning object metadata, defined as the attributes required to fully and adequately describe a learning object. A learning object is defined here as any entity, digital or non-digital, that can be used, re-used or referenced during technology-supported learning. Examples of technology-supported learning applications include computer-based training systems, interactive learning environments, intelligent computer-aided instruction systems, distance learning systems, web-based learning systems and collaborative learning environments.

#### **Learning Resource Type element**

Specific kind of resource, most dominant kind first.

open vocabulary with best practice:

- 3=Exercise
- 4=Simulation
- 5=Questionnaire
- 6=Diagram
- 7=Figure
- 8=Graph
- 9=Index
- 10=Slide
- 11=Table
- 12=Narrative Text
- 13=Exam

- 14=Experiment
- 15=ProblemStatement
- 16=SelfAssesment

#### **Office of Educational Research and Improvement (OERI) Publication Database – Product Type Categories**

The OERI Publications Plan Database tracks OERI & NCES publications from the initial concept through printing.

- Products
  - Analytic Report
  - Blank Work
  - Booklet/Handbook
  - Brochure
  - Compendium
  - Directory
  - E.D. Tab
  - Issue Brief
  - Proceeding
  - R & D Report
  - Serial Publication
  - Statistics in Brief
  - Technical/Methodological
  - User's Manual
- Electronic
  - News Letter
  - Web Page
- Data Files
  - Restricted Data File/Electronic Code Book
  - Public Use Data File/Electronic Code Book
  - Data Analysis System/Table Generator

#### **State of Victoria, Australia – Department of Education, Employment and Training (DEET) – Resource Type Categories**

<<http://www.education.vic.gov.au/Search.ASP?RF=advanced&GP=generic&Base=St>>

The Victorian Education Channel provided by the Department of Education, Employment and Training (DEET) is a Government Channel providing enhanced public access to the widely recognised education information, resources and services available. For clients within the Victorian Education system it provides a path for the discovery of high quality educational resources suitable for learning in Victoria.

Unit of Instruction

Lesson Plan

Assessment

Learning Activity

Project

Professional Development

Reference and Materials

#### **Reading Pathfinder (RP) – Resource Type Element**

The Reading Pathfinder database catalogs approximately 2,000 early childhood literacy resources.

Web Articles

Web Sites

Bibliographies

Books

Brochures  
Databases  
Journals  
Local Assistance  
Magazines  
Newsletters

**Literacy Information aNd Communication System (LINCS) – Material Type Element**

LINCS - the Literacy Information aNd Communication System -- provides a single focal point for adult literacy resources, knowledge, and expertise from across the nation and the world. LINCS is a service of the National Institute for Literacy (NIFL).

Art  
Article  
Audio Materials  
Bibliography  
Book  
Brochure or Pamphlet  
Catalog  
Computer Game  
Conference Paper  
Conference Proceeding  
Contractor Report  
Database  
Dictionary  
Directory  
Electronic Forum  
Flyer  
Government Document  
Handbook  
Historical Material  
Information Analysis  
Instructional Material  
Journal  
Newsletter  
Play or Theater Production  
Poetry  
Position Paper  
Project Description  
Proposal  
Research or Technical Report  
Serial or Journal  
Short Story  
Software or Freeware  
Speech  
Statistical Data  
Summary or Abstract  
Teaching Guide  
Test or Evaluation Instrument  
Testimony  
Textbook  
Thesis or Dissertation  
Training Material  
Webliography  
Video Material  
Workbook  
Other or Do Not Know