

NSDL Projects Funded FY2000 - FY2009

State	Institution	Project Name	URL	Investigator	Fiscal Year
AR	University of Arkansas Little Rock	ChemEd Digital Library Wikihyperglossary	NA	Robert Belford	2008
AZ	Arizona State University	Ask a Biologist- answering questions and developing content for a community-based web generation		Kazilek, Charles	2008
		MAISON: Middleware for Accessible Information Spaces on NSDL		Candan, K. Selcuk	2007
	Center for Image Processing in Education	SIMPLE Science: Image-Based Learning Tools for K-12 Education	http://www.simplescience.org/	Moore, Stephen	2003
	JES & Co.	NSDL: ASN Toolkit		Walker, Bruce	2009
	University of Arizona	An Active Object-Based Digital Library for Microeconomics Education	http://www.econport.org:8080/econport/request?page=web_home	Cox, James	2003
		The Tree of Life Project: A Digital Library of Biodiversity Information	http://tolweb.org/	Maddison, David	2003
		On-line Resources for Geotechnical Engineering, Rock Engineering, and Water and Its Use: Towards a National Civil Engineering Resource Library	http://www.grow.arizona.edu/	Budhu, Muniram	2001
		Intelligent Collection Services for and about Educators and Students: Logging, Spidering, Analysis and Visualization	http://ai.eller.arizona.edu/research/dl/getsmart.htm	Chen, Hsinchun	2001
CA	California State University	Scaling the Peer Review Process for National STEM Education Digital Library Collections	http://www.merlot.org/	Hanley, Gerard	2002
		The NSDL Collaboration Finder: Connecting Projects for Effective and Efficient NSDL Development	http://www.smete.org/smete/nsdl/collabfinder/	Hanley, Gerard	2002
		Peer Review of Digital Learning Materials: Critical Service for Digital Libraries	http://www.merlot.org/	Hanley, Gerard	2000
	California State University, Trustees	Building Locally, Linking Globally: Networking Micro-Communities of Noyce Scholars for Advancing Innovations and Improvement in Mathematics and Science Education		Ambos, Elizabeth	2007
	Design Science, Inc.	Enhancing the Searching of Mathematics	http://www.dessci.com/en/reference/searching/	Miner, Robert	2003
	Exploratorium	Collaborative Research: Educational Data Mining Approaches for Digital Libraries	http://www.exploratorium.edu/	Hsi, Sherry	2008
		Exploratorium Online: Exhibit-Based Science Learning and Teaching Digital Library	http://www.exploratorium.edu/educate/dl.html	Hsi, Sherry	2003
	Foothill College	Collaborative Project: To Gather, Document, Filter and Assess the Broad and Deep Collection of the Digital Library for Earth System Education (DLESE)	http://www.dlese.org/	DiLeonardo, Christopher	2002
		Collaborative Project: To Enhance the Depth, Breadth, and Quality of the Collections of the Digital Library for Earth System Education (DLESE)	http://www.dlese.org/	DiLeonardo, Christopher	2000
	McLean Media	Creating Interactive Educational Activity Templates for Digital Libraries	http://www.storyline.com/cc/	McLean, Lois	2004
	New Media Studio	Collaborative Project: Personal Collections: Enhancing the Utility of the NSDL		Landsfeld, Martin	2004
		Data Discovery Toolkit and Foundry	http://newmediastudio.org/DataDiscovery/	Caron, Bruce	2001
	Stanford University	Collaborative Project: The Rosetta Project- ALL Language Archive	http://www.rosettaproject.org/	Keller, Michael	2003
	The Long Now Foundation	Collaborative Project: The Rosetta Project- ALL Language Archive	http://www.rosettaproject.org/	Mason, James	2003

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CA	University of California, Berkeley	Expanding the Accessibility of NSDL for Mobile Learning		Ryokai, Kimiko	2008	
		The Science and Math Informal Learning Educators (SMILE) Pathway		Porcello, Darrell	2007	
		Collaborative Research: A Comprehensive Pathway for K-Gray Engineering Education	http://engineeringpathway.org/ep/	Agogino, Alice	2005	
		The Digital Chemistry Library Collaborative Research: Developing a Learner-Centered Metathesaurus for Science, Mathematics, Engineering and Technology Education	http://socrates.berkeley.edu/~kubinec/	Kubinec, Mark Agogino, Alice	2003 2001	
		Collaborative Project: Enhancing Interoperability of Collections and Services	http://www.smete.org	Agogino, Alice	2001	
		Developing a Core Integration System for a National Science, Mathematics, Engineering, and Technology Education Digital Library at WWW.SMETE.ORG	http://www.smete.org	Agogino, Alice	2000	
	University of California, Los Angeles	A Digital Library: Collection for Visually Exploring United States Demographic and Social Change	http://www.socialexplorer.com/	Halle, David	2002	
		Collaborative Research: Health Education Assets Library	http://www.healcentral.org/	Uijtdehaage, Sebastian	2002	
	University of California, Office of the President, Oakland	Adding Value to the NSDL by Integrating It Into Academic Libraries: A Business Proposition and a Service Enhancement	http://www.cdlib.org/inside/projects/metasearch/nsdl/	Greenstein, Daniel	2003	
	University of California, San Diego	Mobilizing Enduring NSDL Resources in Plate Tectonics Research for Earth Science Education	http://earthref.org/ERESE/	Miller, Stephen	2003	
		Bridging the Gap Between Libraries and Data Archives	http://nsdl.sdsc.edu/	Schottlaender, Brian	2001	
	University of California, Santa Barbara	Textual - Geospatial Integration Services for NSDL	http://www.alexandria.ucsb.edu/	Frew, James	2001	
	University of Southern California	Electronic Encyclopedia of Earthquakes	http://www.scec.org/e3/	Jordan, Thomas	2003	
		Electronic Encyclopedia of Earthquakes	http://www.scec.org/e3/	Jordan, Thomas	2001	
	Exploratorium	Professional Development Institutes to Increase Afterschool Educators' Use of the NSDL		Hsi, Sherry	2005	
CO	Colorado School of Mines	Collaborative Research: A Comprehensive Pathway for K-Gray Engineering Education	http://engineeringpathway.org/ep/	Mooney, Michael	2005	
		Water in the Earth System (WES): An NSDL K-12 Collection Project (current project title: Digital Water Education Library (DWEL))	http://www.dlese.org/library/query.do?q=&s=0&ky=0e	Geary, Ed	2001	
	University of Colorado at Boulder	Collaborative Project: The NSDL Curriculum Customization Service		Sumner, Tamara	2007	
		Collaborative Research: A Comprehensive Pathway for K-Gray Engineering Education	http://engineeringpathway.org/ep/	Sullivan, Jacquelyn	2005	
		Collaborative Research: TeachEngineering - Hands-on Resources for K-12	http://teachengineering.org/	Sullivan, Jacquelyn	2002	
		Strand Maps as an Interactive Interface to NSDL Resources	http://preview.dlese.org/sms/	Sumner, Tamara	2002	
		A Lightweight, Flexible, and Web-Based Approach to Supporting Workflow in Digital Libraries	http://www-serl.cs.colorado.edu/metis/	Anderson, Kenneth	2001	
		Enhancing NSDL.org with Concept-browsing Interfaces based on AAAS Strand Maps		Sumner, Tamara	2006	
		University Corporation For Atmospheric Research	NSDL Core Integration Final Transition	http://nsdl.org	Howe, Kaye	2008

NSDL Projects Funded FY2000 - FY2009

State	Institution	Project Name	URL	Investigator	Fiscal Year
		Planning a PI Meeting for the NSDL Program	http://annualmeeting.nsd.org	Howe, Kaye	2008
		NSDL Core Integration - Increasing Capacity and Engagement	http://nsdl.org	Howe, Kaye	2007
		Completing the NSDL Strand Map Service: Content Coverage and NDR Integration		Wright, Michael	2007
		Collaborative Project: The NSDL Curriculum Customization Service		Marlino, Mary	2007
		Collaborative Research: THREDDS Second Generation	http://my.unidata.ucar.edu/content/projects/THREDDS/	Domenico, Ben	2003
		Collaborative Project: Core Integration - Leading NSDL toward Long-Term	http://nsdl.org	Howe, Kaye	2003
		Thematic Real-time Environmental Data Distributed Services (THREDDS)	http://my.unidata.ucar.edu/content/projects/THREDDS/	Domenico, Ben	2001
		Collaborative Project: Core Integration of the National SMETE Digital Library	http://nsdl.org	Fulker, David	2001
		Core Integration Services for a Federated NSDL		Fulker, David	2000
	United States Air Force Academy	JITDL : The Just-in-Time Teaching Digital Library	http://webphysics.iupui.edu/jitt/jitt.html	Patterson, Evelyn	2003
DC	American Association For Advancement Science	Building Capacity for Determining the Content Alignment and Instructional Quality of K-12 NSDL Resources	http://aaas.org	Molina, Francies	2008
	American Association For Advancement Science	BioSciEd.Net (BEN) Software as a Service for BEN Collaborators	http://www.bioscienet.org/	George, Yolanda	2007
	American Association For Advancement Science	BioSciEd Net (BEN) Collaborative: Cycle 3 (Pathway)	http://www.bioscienet.org/	George, Yolanda	2005
	American Association For Advancement Science	BioSciEd Net (BEN) Collaborative: Cycle 2	http://www.bioscienet.org/	George, Yolanda	2002
		Biosciences Education Network (BEN)	http://www.bioscienet.org/	George, Yolanda	2000
	American Psychological Association	Online Psychology Laboratory	http://opl.apa.org/	McCarthy, Maureen	2004
	Association of Research Libraries	Developing a National Science Digital Library (NSDL) LibQUAL+ Protocol	http://www.libqual.org/Publications/index.cfm	Webster, Duane	2001
	Mathematical Association of America	The Math Gateway	http://mathgateway.maa.org	Moore, Lawrence	2004
		MATHDL: A Library of Online Learning Materials in Mathematics and Its Applications	http://www.mathdl.org/	Moore, Lawrence	2000
	National Academy of Sciences	Annals of Research on Engineering Education (AREE)	http://www.reeonline.org/	Fortenberry, Norman	2004
	American Chemical Society (ACS)	Collaborative Project: ChemEd Digital Library: An NSDL Pathway for Chemical Sciences Education	http://www.jce.divched.org/JCEDLib/index.html	Mary Kirchoff	2006
	American Chemical Society (ACS)	Collaborative Project: ChemEd Digital Library: An NSDL Pathway for Chemical Sciences Education	http://www.jce.divched.org/JCEDLib/index.html	Kirchoff, Mary	2007
GA	Emory University	Collaborative Project: The OCKHAM Library Network, Integrating the NSDL into Traditional Library Services	http://www.ockham.org/	Halbert, Martin	2003
	GA Tech Research Corporation - GA Institute of Technology	Tech to Teaching		Schuster, Gary	2008
	Kennesaw State University	Collaborative Project: Nuclear Pathways - A Model for Composite Collections	http://www.nuclearpathways.org/	Peterson, Laurence	2004
HI	Pacific Resources for Education and Learning	Ethnomathematics Digital Library	http://www.ethnomath.org/	Lane, Nancy	2001
IA	Eastern Iowa Community College District	(NSDL) Advanced Technology Environmental Education Library (ATEEL)	http://www.eerl.org/	Kabat Lensch, Ellen	2002
IL	Argonne National Laboratory	Atmospheric Visualization Collection	http://www.dlese.org/library/query.do?q=&s=0&ky=01	Klaus, Christopher	2000

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	Northwestern University	Collaborative Research: THREDDS Second Generation	http://my.unidata.ucar.edu/content/projects/THREDDS/	Edelson, Daniel	2003
	University of Illinois, Urbana-Champaign	Metasearch Gateway Services for the Distributed NSDL Community		Mischo, William	2007
		Collaborative Project: Assessing the User-base and Expanding the Usability/Reach of the Analytical Sciences Digital Library through Developmental Workshops		Scheeline, Alexander	2004
		Second Generation Digital Mathematics Resources with Innovative Content for Metadata Harvesting and Courseware Development	http://mathworld.wolfram.com/	Mischo, William	2002
IN	Indiana University	Project ENABLE: Learning through Associations in a Grid based Bioinformatics Digital Library	http://lair.indiana.edu/research/enable/	Mostafa, Javed	2003
		Reciprocal Net-- A Distributed Molecular Database	http://www.reciprocalnet.org/	Huffman, John	2001
KS	Kansas State University	Collaborative Project: Physics Teaching Web Advisory (Pathway) -- A Digital Video Library for Enhancement and Preparation of Physics Teachers	http://www.physicspathway.org/	Zollman, Dean	2002
	University of Kansas Center for Research, Inc. / University of California-Riverside	Collaborative Project: Assessing the User-base and Expanding the Usability/Reach of the Analytical Sciences Digital Library through Developmental Workshops		Larive, Cynthia	2004
	University of Kansas Center for Research, Inc.	Analytical Sciences Digital Library	http://www.asdlib.org/	Kuwana, Theodore	2001
MA	Education Development Center	CaREN: Career Resources Education Network for STEM	http://www2.edc.org/GDI/CaREN.htm	Nair, Sarita	2003
		Effective Access: Using Digital Libraries to Enhance High School Teaching in STEM	http://www2.edc.org/GDI/effectiveaccess.htm	Hanson, Katherine	2002
		Gender and Science Digital Library	http://www.gsdl.org/	Hanson, Katherine	2001
	Harvard-Smithsonian Astrophysical Observatory	Harvard-Smithsonian Digital Video Library	http://hsdvl.org/	Schneps, Matthew	2002
	Marine Biological Laboratory	Collaborative Project: Digital Educational Resources in Microbial Ecology, Evolution and Diversity (DERMEED1)	http://serc.carleton.edu/microbelife/index.html	Patterson, David	2003
	TERC, Inc.	Earth Exploration Toolbook: A Collection of Examples of Educational Uses of Earth System Science Tools, Datasets and Resources	http://serc.carleton.edu/eet/	Ledley, Tamara	2002
	Tufts University / Worcester Polytechnic Institute	Collaborative Research: TeachEngineering - Hands-on Engineering	http://teachengineering.org/	Cyr, Martha	2002
	Tufts University	Collaborative Research: Managing Authority Lists for Customized Linking and Visualization: A Service for the National SMETE Digital Library	http://nils.lib.tufts.edu/scale/	Sauer, Anne	2002
	University of Massachusetts, Amherst	Question Triage for Experts and Documents: Expanding the Information Retrieval Function of the NSDL	http://cir.cs.umass.edu/research/triage.html	Croft, W. Bruce	2002
	WGBH Educational Foundation	Teachers Domain: Pathways Stage II	http://www.teachersdomain.org/	Sicker, Theodore	2008
		Teachers' Domain: College Edition	http://www.teachersdomain.org/	Sicker, Theodore	2007
		Teachers' Domain Educational Standards Enhancement	http://www.teachersdomain.org/	Sicker, Theodore	2007
		Teachers' Domain Pathways to Science: Rich-Media Sources for K-12 Teachers	http://www.teachersdomain.org/	Sicker, Theodore	2004
		Teachers' Domain Educational Standards Enhancement	http://www.teachersdomain.org/	Sicker, Theodore	2006
		Access NSDL	http://accessnsdl.org/	Kirkpatrick, Andrew	2002
		Teachers' Domain - Physical Science and Engineering	http://www.teachersdomain.org/	Korf, Michele	2002
		Teachers' Domain Collection: Life Sciences, K-12	http://www.teachersdomain.org/	Korf, Michele	2001

NSDL Projects Funded FY2000 - FY2009

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	Worcester Polytechnic Institute	Collaborative Research: A Comprehensive Pathway for K-Gray Engineering Education	http://engineeringpathway.org/ep/	Cyr, Martha	2005
		Fire Science Multimedia Library		Woycheese, John	2003
	TERC Inc.	Earth Exploration Toolbook Workshops to Facilitate the Use of Earth Science Data in Education	http://serc.carleton.edu/eet/index.html	McAuliffe, Carla	2005
	University of Massachusetts Amherst	Customizing Resources for NSDL	http://mathforum.org	Woolf, Beverly	2005
MD	American Association of Physics Teachers	The Physics Classroom: Stewardship of Physics Education Resources on the Web	http://www.compadre.org/	Mason, Bruce	2008
		Physics Education Research User's Guide		McKagan, Sarah	2009
		ComPADRE: Communities for Physics and Astronomy Digital Resources in Education	http://www.compadre.org/	Mason, Bruce	2002
		ComPADRE Pathway for Physics and Astronomy Education	http://www.compadre.org/	Mason, Bruce	2005
	Johns Hopkins University	Archival Introspection and Maintenance Metadata		Burns, Randal	2007
		Collaborative Proposal: Managing Authority Lists for Customized Linking and Visualization: A Service for the National SMETE Digital Library	http://nils.lib.tufts.edu/scale/	Choudhury, Golam	2002
	University of Maryland	Collaborative Research: Developing a Learner-Centered Metathesaurus for Science, Mathematics, Engineering and Technology Education		Wood, William	2001
		Virtual Telescopes in Education (TIE)	http://vtie.gsfc.nasa.gov/	Hoban, Susan	2001
	Universities Space Research Association	Implementing an Electronic Peer-reviewed Journal of Earth System Science Education Resources (JESSE)	http://jesse.usra.edu/	Johnson, Donald	2000
ME	Maine Mathematics and Science Alliance	PRISMS- Phenomena and Representations for the Instruction of Science in Middle Schools		Keeley, Page	2004
MI	Eastern Michigan University	Collaborative Research: DLConnect: Connecting Underserved Teachers and Students with NSDL Learning Resources and Tools	http://dlconnect.usu.edu/	Hoffman, Ellen	2004
		Infusing NSDL in Middle Schools: Obstacles and Strategies	http://www.terc.edu/work/167.html	Hoffman, Ellen	2003
		Collaborative Project: The Rosetta Project- ALL Language Archive	http://www.rosettaproject.org/	Aristar-Dry, Helen	2003
		TeacherLIB--Digital Community and Collections for Science and Mathematics Teacher Education	http://mtn.merit.edu/	Hoffman, Ellen	2000
	Merit Network, Inc.	Viewing the Future: Aligning Internet2 Video to K-12 Curriculum		Mardis, Marcia	2002
	Michigan State University	An Intelligent Digital Environment for Groundwater Education and Research	http://www.eqr.msu.edu/igw/	Li, Shu-Guang	2003
	University of Michigan, Ann Arbor	A Digital IdeaKeeper For K-12: NSDL Scaffolded Portal Services for Information Analysis and Synthesis	http://hice.org/ideakeeper/	Quintana, Chris	2002
		Web Lecture Archiving System for Professional Society Meetings		Neal, Homer	2003
	Wayne State University	Unleashing Supply: Services for Collaborative Content Development	http://www.opencourse.org/	Stephenson, Robert	2002
		Collaborative Proposal: DLConnect: Connecting Underserved Teachers and Students with NSDL Learning Resources and Tools	http://dlconnect.usu.edu/	Marcia Mardis	2006
MN	Carleton College	Linking Pedagogy, Resources and Community Interaction to Support Entry-Level Undergraduate Geoscience Courses	http://serc.carleton.edu/introgeo/	Manduca, Cathryn	2002
	Carleton College	Pedagogic Services for Digital Libraries	http://serc.carleton.edu/sp/index.html	Manduca, Cathryn	2005

NSDL Projects Funded FY2000 - FY2009

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MO	University of Missouri / University of Florida	Enhancing Interoperability of NSDL Collections and Services	http://dibox.nucl.org/	Chen, Su-Shing	2001
		Digital Library for Learning Life Sciences		Chen, Su-Shing	2000
MT	Montana State University	Collaborative Project: Digital Educational Resources in Microbial Ecology, Evolution, and Diversity (DERMEED-1)	http://serc.carleton.edu/microbelife/index.html	Mogk, Dave	2003
NC	North Carolina State University	PER-CENTRAL: A Digital Library Supporting Physics Education Research	http://www.per-central.org/index.cfm	Beichner, Robert	2003
	Shodor Education Foundation Inc	The Computational Science Education Reference Desk	http://www.shodor.org/refdesk/	Panoff, Robert	2004
	University of North Carolina, Wilmington	Integrating Digital Libraries and Traditional Libraries: A Model for Sustaining NSDL Collections		Ward, Charles	2003
	Winston-Salem State University	NSDL: Towards Reusable and Shareable Courseware: Topic Maps-based Digital Libraries	http://compsci.wssu.edu/iis/nsdl/	Dicheva, Darina	2003
	Duke University	Collaborative Research: A Comprehensive Pathway for K-Gray Engineering Education	http://engineeringpathway.org/ep/	Ybarra, Gary	2005
ND	North Dakota State University, Fargo	The Digital Archive Network for Anthropology (DANA)	http://www.dana-wh.net/	Clark, Jeffrey	2001
NH	Dartmouth College	Collaborative Project: To Gather, Document, Filter and Assess the Broad and Deep Collection of the Digital Library for Earth System Educatio(DLESE)	http://www.dlese.org/	DeFelice, Barbara	2002
		Collaborative Project: To Enhance the Depth, Breadth, and Quality of the Collections of the Digital Library for Earth System Education	http://www.dlese.org/	DeFelice, Barbara	2000
NJ	New Jersey Institute of Technology Foundation	IntegraL (Integrating Libraries): Expanding the NSDL's Reach to Traditional Libraries through Resource Integration	http://www.is.njit.edu/integral/	Bieber, Michael	2004
		Digital Library Service Integration	http://is.njit.edu/dlsi/	Bieber, Michael	2002
		General Recommendation Engine (GRE) for NSDL	http://www.is.njit.edu/integral/	Im, Il	2004
	Rutgers University New Brunswick	The Moving Image Gateway	http://gondolin.rutgers.edu/MIC/	Agnew, Grace	2002
NM	Integre Technical Publishing Company, Inc.	Techexplorer and MathDL: Robust Support for Dynamic Web-based Mathematics	http://www.integretechpub.com/techexplorer/	DeLand, Donald	2003
NY	Columbia University	Collaborative Project: Core Integration - Leading NSDL toward Long-Terr	http://nsdl.org	Wittenberg, Kate	2003
		Collaborative Project: To Enhance the Depth, Breadth, and Quality of the Collections of the Digital Library for Earth System Education (DLESE)	http://www.dlese.org/	Kastens, Kim	2002
		Collaborative Project: Core Integration of the National SMETE Digital Library	http://nsdl.org	Wittenberg, Kate	2001
		Collaborative Project: To Gather, Document, Filter and Assess the Broad and Deep Collection of the Digital Library for Earth Systems Education	http://www.dlese.org/	Kastens, Kim	2000
		Columbia Pubscape: A Core Integration System for a National Science Digital Library Publishing Center		Wittenberg, Kate	2000
	Adding Value to NSDL Resources through Pedagogical Content Knowledge Annotations		Kim Kastens	2006	
	Cornell University	SGER: Increasing the Educational Impact of NSF-funded Research		Krafft, Dean	2008
		An NSDL Registry: Supporting Interoperable Metadata Distribution		Phipps, Jonathan	2007
		Digital Mathematics Library	http://www.library.cornell.edu/dmlib/	Thomas, Sarah	2002

NSDL Projects Funded FY2000 - FY2009

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		Kinematic Models for Design Digital Library (K-MODDL)	http://kmoddl.library.cornell.edu/	Saylor, John	2002
		Collection and Dissemination of Geoscience Data and Knowledge for the National Science Digital Library	http://atlas.geo.cornell.edu/	Seber, Dogan	2001
		Collaborative Project: Core Integration of the National SMETE Digital Library	http://nsdl.org	Arms, William	2001
		Collection and Distribution of Geoscience (Solid Earth) Data Sets for the National Science Digital Library	http://atlas.geo.cornell.edu/	Seber, Dogan	2000
		The NSDL Central System		Arms, William	2000
	Cornell University - Endowed	Collaborative Project: Core Integration - Leading NSDL toward Long-Term	http://nsdl.org	Arms, William	2003
		Enabling Large Scale Coherency Among Mathematical Texts in the NSDL		Constable, Robert	2003
	Cornell University - State	The Biodiversity Analysis Pipeline		Kelling, Steven	2007
		The Science Knowledge and Education Network Building a User Base around Scientific Publications: Editing Online Content and Annotating Scientific Materials	http://www.sken.org/	Kelling, Steven	2004
		A Digital Rich Media Library of Animal Behavior	http://www.birds.cornell.edu/macaulaylibrary/	Bradbury, Jack	2003
	Cornell University - State	Facilitating K-12 Selection in an Annotated Rich Media Library of Animal Behavior	http://www.vivo.cornell.edu/entity?home=1&id=14450	Bradbury, Jack	2005
	CUNY	Collaborative Research: A Digital Library Collection for Visually Exploring United States Demographic and Social Change	http://www.socialexplorer.com/	Beveridge, Andrew	2002
	solutions-united.com	Breaking the Metadata Generation Bottleneck		Paik, Woojin	2000
	Syracuse University	Computer-Assisted Content Standard Assignment & Alignment	http://www.cnlp.org/research/project.asp?recid=48	Diekema, Anne	2004
		Students Using NSDL (SUN): Science Information Literacy and the NSDL	http://www.nsdlsun.org/	Silverstein, Joanne	2003
		MetaTest: Evaluating the Quality and Utility of Metadata	http://www.cnlp.org/research/project.asp?recid=40	Liddy, Elizabeth	2002
		Integrating Expertise into the NSDL	http://ask.nsd.org	Lankes, Richard	2001
		Collaborative Project: StandardConnection - Mapping NSDL Educational Objects to Content Standards	http://www.cnlp.org/research/project.asp?recid=35	Liddy, Elizabeth	2001
		Breaking the Metadata Generation Bottleneck	http://www.cnlp.org/research/project.asp?recid=32	Liddy, Elizabeth	2000
	Cornell University - Endowed	Collaborative Project: An NSDL Registry: Supporting Interoperable Metadata	http://eq2.ischool.washington.edu/registry	Hillman, Diane	2005
OH	Kent State University	Open Efforts for Computational Materials Research & Education: A NSDL MatDL & TMS Pilot working together with the Materials community		Bartolo, Laura	2008
		NSDL Materials Digital Library Pathway: Hub for Materials Education and Research	http://www.matdl.org/	Bartolo, Laura	2005
		Materials Digital Library: MatDL.org	http://www.matdl.org/	Bartolo, Laura	2003
		Quality Analysis of Metadata Records in the NSDL Metadata Repository	http://appling.kent.edu/nsdlmetadataquality/	Zeng, Marcia	2003
		Green's Functions Research and Education Enhancement Network (GREEN)	http://appling.kent.edu/NSDLGreen/	Shreve, Gregory	2001
	Ohio State University Research Foundation	CAUSEweb: A Digital Library of Undergraduate Statistics Education	http://www.causeweb.org/	Pearl, Dennis	2003

NSDL Projects Funded FY2000 - FY2009

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		Connecting NSTA K-16 Science Content to NSDL		Lightle, Kimberly	2005
		Collection Building and Capacity Development for K-12 Federally-Produced Mathematics and Science Education Digital Resources		Lightle, Kimberly	2002
		National Digital Library for Undergraduate Mathematics, Science, and Technology Teacher Preparation and Professional Development		Lightle, Kimberly	2000
	Ohio State University Research Foundation / New Media Studio	Marine Mammal Commission Digital Library of International Environmental and Ecosystem Policy Documents.	http://nsdl.tier1.com/	Berkman, Paul Arthur	2002
	University of Dayton	A Digital Library of Ceramic Microstructures	http://www.udri.udayton.edu/dlcm	Wills, Roger	2001
OK	University of Oklahoma Health Sciences Center	Collaborative Research: Health Education Assets Library	http://www.healcentral.org/	Summers-Ables, Joy	2002
	University of Oklahoma / Colorado School of Mines	Collaborative Research: TeachEngineering - Hands-on Resources for K-12	http://teachengineering.org/	Mooney, Michael	2002
OR	Eduworks Corporation	Collaborative Proposal: Personal Collections: Enhancing the Utility of the NSDL		Robson, Robert	2004
		Fostering Reuse and Interoperability for the NSDL	http://www.reusablelearning.org/	Robson, Robert	2003
	Oregon Health and Science University / Portland State University	Collaborative Project: Superimposed Tools for Active Arrangement and Elaboration of Educational Resources		Delcambre, Lois	2004
	Portland State University	Collaborative Project: Ensemble: Enriching Communities and Collections to Support Education in Computing		Delcambre, Lois	2008
	Oregon State University	Collaborative Project: The OCKHAM Library Network, Integrating the NSDL into Traditional Library Services	http://www.ockham.org/	Frumkin, Jeremy	2003
PA	Carnegie-Mellon University	Using Digital Libraries to Build Educational Communities	http://www.chemcollective.org/	Yaron, David	2003
		Collaborative Project: Physics Teaching Web Advisory (Pathway) -- A Digital Video Library for Enhancement and Preparation of Physics Teachers	http://www.physicspathway.org/	Stevens, Scott	2002
		Collaborative Project: A Component Repository and Environment for Assembly of Teaching Environments (CREATE)		Yaron, David	2000
		Threading Information Pathways Through NSDL Video (Services Proposal)	http://www.informedia.cs.cmu.edu/dli1/resource.html	Wactlar, Howard	2000
		Collaborative Project: ChemEd Digital Library: An NSDL Pathway for Chemical Sciences Education	http://www.jce.divched.org/JCEDLib/index.html	David Yaron	2006
	Drexel University	Collaborative Project: Ensemble: Enriching Communities and Collections to Support Education in Computing		Hislop, Gregory	2008
		Collaborative Research: Math Images	http://www.mathforum.org	Klotz, Eugene	2007
		Collaboration Services for the Math Forum Digital Library		Stahl, Gerry	2003
		Math Tools Project	http://www.mathforum.org/mathtools/	Klotz, Eugene	2002
		Leadership Development for Technology Integration: Developing an Effective NSDL Teacher Workshop Model		Klotz, Eugene	2005
		Improving Knowledge Transfer: Prioritizing Content Creation in Digital Libraries Using Competitive Intelligence Systems		Atwood, Michael	2000
	Swarthmore College	NSDL: A Digital Library Collection for Computer Vision Education	http://www.cved.org/	Maxwell, Bruce	2002

NSDL Projects Funded FY2000 - FY2009

State	Institution	Project Name	URL	Investigator	Fiscal Year
	University of Pittsburgh	Collaborative Project: Ensemble: Enriching Communities and Collections to Support Education in Computing		Brusilovsky, Peter	2008
	Villanova University	Collaborative Project: Ensemble: Enriching Communities and Collections to Support Education in Computing		Cassel, Lillian	2008
		Workshop: Computing Education Needs Assessment, February 2008 - Washington, DC.		Cassel, Lillian	2007
		Collaborative Project: Superimposed Tools for Active Arrangement and Elaboration of Educational Resources		Cassel, Lillian	2004
RI	Brown University	ReMarkable Texts: A Digital Notepad for the NSDL	http://graphics.cs.brown.edu/research/ReMarkableTexts/	van Dam, Andries	2002
		Collaborative Project: A Component Repository and Environment for Assembly of Teaching Environments (CREATE)		van Dam, Andries	2000
TN	University of Tennessee, Knoxville	An Active Mathematical Software Collection for Inquiry-based Computational Science and Engineering Education	http://icl.cs.utk.edu/activenetlib	Dongarra, Jack	2001
		Integrating the NSDL Into Undergraduate Science Education by Creating a Collaborative Learning Environment	http://web.utk.edu/~tenopir/nsf/presentations.html	Tenopir, Carol	2001
TX	Rice University	Advanced Placement Digital Library for Biology, Physics and Chemistry	http://apdl.rice.edu/	Kumari, Datla Siva	2002
	Texas A&M	Collaborative Project: Ensemble: Enriching Communities and Collections to Support Education in Computing		Furuta, Richard	2008
		Using Spatial Hypertext as a Workspace for Digital Library Providers and Patrons	http://www.csd.tamu.edu/VKB/	Shipman, Frank	2002
		Integrating Digital Library Resources into Online Courses		Smisko, Ann	2002
		Design and Evaluation of Maintenance Tools for Distributed Digital Libraries	http://www.csd.tamu.edu/walden/	Shipman, Frank	2001
		Metadocuments as Communicative Artifact to Enable Use of a Research Digital Library in Undergraduate SMET Education	http://www.csd.tamu.edu/walden/	Furuta, Richard	2000
	University of Texas, Austin	www.eSkeletons.org: An Interactive Digital Library of Human and Primate Anatomy	http://www.eSkeletons.org	Kappelman, John	2002
	University of Texas, Medical Branch at Galveston	Ceph School: A Pedagogic Portal for Teaching Biological Principles with Cephalopod Molluscs		Lee, Phillip	2002
UT	University of Utah	Collaborative Research: Health Education Assets Library	http://www.healcentral.org/	Dennis, Sharon	2002
		A Digital Multimedia Library for Health Sciences Education	http://www.healcentral.org/	Dennis, Sharon	2000
	Utah State University	Collaborative Research: Educational Data Mining Approaches for Digital Libraries	http://dlconnect.usu.edu/ http://ia.nsd.edu	Recker, Mimi	2008
		Where Have We Come From and Where Are We Going? Learning the Lessons and Disseminating Exemplary Practices from the Projects of the NSDL		Recker, Mimi	2007
		Collaborative Proposal: DLConnect: Connecting underserved teachers and students with NSDL learning resources and tools	http://dlconnect.usu.edu/	Recker, Mimi	2004
		Integrating and Extending the Instructional Architect: An Instructional Service for NSDL	http://ia.usu.edu/	Recker, Mimi	2003
		The Instructional Architect: A System for Discovering, Recommending, and Combining Learning Objects	http://ia.usu.edu/	Recker, Mimi	2000

NSDL Projects Funded FY2000 - FY2009

State	Institution	Project Name	URL	Investigator	Fiscal Year
		Services to Link OpenCourseware Repositories and the NSDL		Muramatsu, Brandon	2005
		Where Have We Come From and Where Are We Going? Learning the Lessons and Disseminating Exemplary Practices from the Projects of the NSDL		Muramatsu, Brandon	2007
VA	American Geological Institute	Collaborative Research: To Enhance the Depth, Breadth, and Quality of the Collections of the Digital Library of Earth System Education (DLESE)	http://www.dlese.org/	Tahirkheli, Sharon	2002
		Collaborative Project: To Gather, Document, Filter and Assess the Broad and Deep Collection of the Digital Library for Earth System Education	http://www.dlese.org/	Tahirkheli, Sharon	2000
	American Indian Higher Education Consortium	Digital Library Services for American Indians		Billy, Carrie	2001
	George Mason University	Increasing Participation in the NSDL - Transforming a Nation-wide Evaluation Instrument for Use by NSDL Pathways Projects and Collections		Morgan, Glenda	2007
	International Technology Education Association	National Digital Library for Technological Literacy		Sterry, Len	2001
	National Association of Biology Teachers	Biology Education Online -- An Interactive Electronic Journal	http://www.accessexcellence.org/	Carley, Wayne	2000
	Old Dominion University Research Foundation	A Self-sustainable Digital Library for Evolving Communities		Zubair, Mohammad	2003
		An OAI-Compliant Federated Physics Digital Library for the NSDL	http://archon.cs.odu.edu/	Maly, Kurt	2001
	University of Virginia	Decentralized Image Retrieval for Education (DIRECT)	http://viva.ee.virginia.edu/projects_direct.htm	Acton, Scott	2001
	Virginia Polytechnic Institute and State University	Collaborative Project: Ensemble: Enriching Communities and Collections to Support Education in Computing		Fox, Ed	2008
		Collaborative Research: A Comprehensive Pathway for K-Gray Engineering Education	http://engineeringpathway.org/ep/	Tront, Joseph	2005
		Collaborative Project: The OCKHAM Library Network, Integrating the NSDL into Traditional Library Services	http://www.ockham.org/	Fox, Ed	2003
		Computing and Information Technology Interactive Digital Educational Library (CITIDEL)	http://www.citidel.org/	Fox, Ed	2001
		A Digital Library Network for Engineering and Technology	http://www.dlnet.vt.edu/	Rahman, Saifur	2000
	Washington and Lee University	Collaborative Project: Nuclear Pathways - A Model for Composite Digital Collections		Settle, Frank	2004
		The Development and Use of Digital Collections to Support Interdisciplinary Education	http://home.wlu.edu/~blackmere/NSDL/Planning_Digital_Collections.htm	Settle, Frank	2002
		The Alsos Digital Library	http://alsos.wlu.edu/	Settle, Frank	2000
	Virginia Polytechnic Institute and State University	Personalization of Content Bridging the Gap between NSDL and its Users through the Course Website	http://www.teachengineering.org/	Perez, Manuel	2005
		Collaborative Research: A Comprehensive Pathway for K-Gray Engineering Education	http://engineeringpathway.org/ep/	Tront, Joseph	2005
WA	University of Washington	Collaborative Project: StandardConnection - Mapping NSDL Educational Objects to Content Standards	http://www.ischool.washington.edu/sasutton/NSDL/StandardConnection/	Sutton, Stuart	2001
	University of Washington	Collaborative Project: An NSDL Registry: Supporting Interoperable Metadata	http://metadatarregistry.org/	Sutton, Stuart	2005
WI	University of Wisconsin, Madison	AMSER Phase II: Expanding the Applied Math and Science Education Repository	http://www.amser.org/	Bower, Rachael	2008
		AMSER: Applied Math and Science Education Repository	http://www.amser.org/	Bower, Rachael	2004

NSDL Projects Funded FY2000 - FY2009

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		CoMPASS-DL: Design and use of a concept map interface for helping middle school students navigate digital libraries	http://www.compassproject.net/info/NSDL_overview.htm	Puntambekar, Sadhana	2004
		Faculty Participation in the NSDL - Lowering the Barriers		Wolf, Alan	2004
		The Internet Scout Project's Targeted Information Provision Service	http://scout.wisc.edu/	Strikwerda, John	2003
		The Journal of Chemical Education Digital Library	http://jce.divched.org/JCEDLib/	Moore, John	2002
		Optimizing Workflow and Integration in NSDL Collections	http://scout.wisc.edu/Projects/CWIS/	Strikwerda, John	2002
		The Internet Scout Project's Personalized Content Delivery System	http://scout.wisc.edu/Projects/NSDLReports/	Strikwerda, John	2001
		Collaborative Project: ChemEd Digital Library: An NSDL Pathway for Chemical Sciences Education	http://www.jce.divched.org/JCEDLib/index.html	Moore, John	2006