

Field	Raw Metadata	Normalized Metadata
URL	http://www.nsf.gov/awardsearch/showAward.do?AwardNumber=0603319	same
Title	Dynamic Algebra for Technical Students	same
Descr	This project is producing, field-testing, revising and disseminating a new College Algebra course designed to meet the academic goals and stimulate the interest of students in Advanced Technological Education (ATE) programs. Their goal is to increase student achievement for this student population by creating a course that builds a sound foundation for work and for future technical quantitative study. This course employs technology and an applied/modeling approach to cover essential topics in College Algebra in order to reflect and conform to placement testing and articulation structures at most colleges and universities. The course consists of a textbook, including traditional topics but with a significant amount of additional material delivered via the Internet. The web portal for this course features web assignments that allow students to see videos of technicians at work and explore problems using JAVA simulations from one of four areas of technical education: (a) Biotechnology and Environmental Technology; (b) Telecommunications and Semiconductor Technology; (c) Information Technology; and (d) Mechanical and Manufacturing Technology. Faculty members are able to use this site to customize both in-class and homework assignments for students enrolled in programs in these ATE areas. The content, pedagogy and format of these materials are being designed with substantial input from the College Algebra working group of the MAA Committee on Curriculum Reform and the First Two Years (CRAFTY) and representatives from both technical client disciplines and industry organizations, such as the Information Technology Association of America (ITAA). It is building on COMAP's other ATE projects where they are researching technical work environments and helping faculty create and integrate authentic applications derived from advanced technological areas into their courses.	same but should fix spacing typos
Subject	Mathematics -- Applied mathematics Mathematics -- Algebra Mathematics -- Measurement	same because no terms mapped to NSDL subject set.
Audience	College/University Instructors, Students, Teachers, Higher Education, University First Cycle, University Second Cycle, Technical School First Cycle, Vocational Training, Technical School Second Cycle	Educator, Learner
Ed level		Vocational/Professional Development Education Higher Education Undergraduate (Lower Division) Undergraduate (Upper Division) Technical Education (Lower Division) Technical Education (Upper Division)
Res. Type	Overviews	Reference Material
Publisher	National Science Foundation (U.S.), Consortium for Mathematics and Its Applications (U.S.)	same
Lang	English	same
Format	html	text/html
Rights		NSDL wants content
Access Rts	Free access	Same with NSDL vocab indication
Source	ATE Projects	same
Dates	Accepted: 2009-02-18T10:02:21-06:00, Submitted: 2009-02-18T09:28:49-06:00, Issued: 2006-06-15	same

Field	Raw Metadata	Normalized Metadata
URL	http://strandmaps.nsdl.org/AAAS-Collection/NSDLbenchmarksContent.jsp?bm=SMS-BMK-1849	same
Title	Every cell is covered by	same
Descr	Every cell is covered by a membrane that controls what can enter and leave the cell.	same but should fix typos
Subject	DLESE:biology, GEM:biology, McREL:structure and function in cells Structures, Cells and Organs, Cell Functions, structure	same because no terms mapped to NSDL subject set.
Audience		NSDL wants content
Ed level	Ed Level (NSDL Vocab): High School Ed Level (NSDL Vocab): Grade 9 Ed Level (NSDL Vocab): Grade 10 Ed Level (NSDL Vocab): Grade 11 Ed Level (NSDL Vocab): Grade 12	same because using the NSDL vocab
Res. Type	Benchmark Standards or Frameworks (Dublin Core Vocab): InteractiveResource (Dublin Core Vocab): Text (NSDL Vocab): Reference Material (NSDL Vocab): Educational Standard	(NSDL Vocab): Educational Standard (NSDL Vocab): Reference Material (Dublin Core Vocab): InteractiveResource (NSDL Vocab): Interactive Simulation (NSDL Vocab): Instructional Material (Dublin Core Vocab): Text
Publisher	The American Association for the Advancement of Science	same
Creator	Stedman Willard	same
Lang	(RFC Vocab): en	English
Format	text/html	same
Rights	Copyright 2004 by American Association for the Advancement of Science	same
Access Rts		NSDL wants content
Source	Atlas of science literacy, Project 2061, 2001	same
Dates	Created: 2006-09-25	same
Related Resource	http://strandmaps.nsdl.org/AAAS-Collection/NSDLbenchmarksContent.jsp?bm=SMS-GRD-1404 http://strandmaps.nsdl.org/AAAS-Collection/NSDLbenchmarksContent.jsp?bm=SMS-GRD-1413 http://strandmaps.nsdl.org/AAAS-Collection/NSDLbenchmarksContent.jsp?bm=SMS-STD-1400 http://strandmaps.nsdl.org/AAAS-Collection/NSDLbenchmarksContent.jsp?bm=SMS-STD-1407	same
Required By	http://strandmaps.nsdl.org/AAAS-Collection/NSDLbenchmarksContent.jsp?bm=SMS-BMK-0279 http://strandmaps.nsdl.org/AAAS-Collection/NSDLbenchmarksContent.jsp?bm=SMS-BMK-0366 http://strandmaps.nsdl.org/AAAS-Collection/NSDLbenchmarksContent.jsp?bm=SMS-BMK-1850 http://strandmaps.nsdl.org/AAAS-Collection/NSDLbenchmarksContent.jsp?bm=SMS-BMK-1851 http://strandmaps.nsdl.org/AAAS-Collection/NSDLbenchmarksContent.jsp?bm=SMS-BMK-1861	same
Edu Std	NSES,Grade:9-12,Identifier: http://books.nap.edu/html/nses/6e.html#ls ,Content Standard Text Level 1: Content Standard C Life Science, Content Standard Text Level 2:The cell, Content Standard Text Level 3:Cells have particular structures that underlie their functions. Every cell is surrounded by a membrane that separates it from the outside world. Inside the cell is a concentrated mixture of thousands of different molecules which form a variety of specialized structures that carry out such cell functions as energy production, transport of molecules, waste disposal, synthesis of new molecules, and the storage of genetic material.	same but would prefer the use of ASN IDs

Field	Raw Metadata	Normalized Metadata
URL	http://ia.usu.edu/viewproject.php?project=ia:11012	same
Title	All About Rocks	same
Descr	Rocks are the most common material on earth. We will learn about the parts that make up the rocks and sort rocks based upon color, hardness, texture, layering, and particle size. Lets review: What do you already know about rocks? Please write down your thoughts on a piece of paper. Now, click on the link below to find out what the definition of a rock is. *Intro to Rocks Please answer the questions below in complete sentences on your paper. 1. Rocks are made up of several partcles...	same but should fix typos
Subject	Science	same
Audience	Audience: Learner Audience: General Public Audience: Educator	same with NSDL vocab indication
Ed level	Ed Level (No Vocab): Grade 5 Ed Level (No Vocab): Grade 4 Ed Level (No Vocab): Upper Elementary Ed Level (No Vocab): Elementary School	same because using the NSDL vocab
Res. Type	Benchmark Standards or Frameworks (Dublin Core Vocab): InteractiveResource (Dublin Core Vocab): Text (NSDL Vocab): Reference Material (NSDL Vocab): Educational Standard	(NSDL Vocab): Educational Standard (NSDL Vocab): Reference Material (Dublin Core Vocab): InteractiveResource (NSDL Vocab): Interactive Simulation (NSDL Vocab): Instructional Material (Dublin Core Vocab): Text
Publisher	Instructional Architect	same
Creator	Whitney Frankovic	same
Lang		NSDL wants content
Format	text	text/html
Rights		NSDL wants content
Access Rts	(NSDL Vocab): Free Access	same because using NSDL vocab
Source		
Dates	2009-09-28, Created: 2009-09-28, Modified: 2009-12-14	same

Field	Raw Metadata	Normalized Metadata
URL	http://www.engineeringpathway.com/view.jhtml?id=2FA621DA-1F27-4A9B-A76F-7EE279EEC9E8	same
Title	Calculating Volume of Water	same
Descr	Interactive tutorial with calculator to teach the various units and schemes for describing volumes of water. "Precipitation is often spread over a large area as in a rainstorm. Rather than describe the total volume of water in a rainstorm in terms of how many gallons fell, the equivalent depth is typically used. This is the average depth of the rain over the area where the rain fell. Area inches are used on TV and in the newspaper to describe a rain. Snow is also described with area depth units "as there was a 6 inch snow last night" or "there was a 1 and 1/2 foot snowstorm over the weekend". Cubic volume units, such as gallons, cubic feet and acre-feet are computed from the depth units by multiplying them by the area over which the rain (or snow) occurred. (When snow is melted, there is roughly 1 inch of water for each 10-inches depth of snow.) The volume of water in a rainstorm as well as the water stored in a lake or reservoir can be in millions and millions of gallons. Similarly the volume of water that flows past a point on a large riverbank in a day is very large. Larger units are needed to simplify the description of large volumes of water. One unit that has been used to do this is the acre-foot."	same but remove excess beginning and ending quotes
Subject		
Audience		NSDL wants content
Ed level		NSDL wants content
Res. Type		NSDL wants content
Publisher		
Creator	William Rasmussen University of Arizona	same
Lang		NSDL wants content
Format		NSDL wants content
Rights		NSDL wants content
Access Rts		NSDL wants content
Source		
Dates	2002-12	same

Field	Raw Metadata	Normalized Metadata
URL	http://www.globe.gov/tctg/atla-cloud-watch.pdf?sectionId=26	same
Title	Cloud Watch	same
Descr	The purpose of this activity is to explore the connections between cloud type, cloud cover, and weather and stimulate student interest in taking cloud type observations. Students observe cloud type and coverage and weather conditions over a five-day period and correlate these observations. Students make and test predictions using these observations. The intended outcome is that students learn to draw inferences from observations and use them to make and test predictions.	same
Subject	Atmospheric science Environmental science Human geography Science Earth science Physical sciences Meteorology Geography Astronomy Space sciences	Atmospheric science Environmental science Human geography Geoscience Social Sciences Space Science Science Earth science Physical sciences Meteorology Geography Astronomy Space sciences (terms were added)
Audience		NSDL wants content
Ed level	(NSDL Vocab): Elementary School (NSDL Vocab): Middle School (NSDL Vocab): High School	same because using the NSDL vocab
Res. Type	(Dublin Core Vocab): InteractiveResource (NSDL Vocab): Instructional Material (NSDL Vocab): Activity (NSDL Vocab): Instructional Material (NSDL Vocab): Instructor Guide/Manual	same because using the NSDL vocab
Creator	The GLOBE Program, UCAR (University Corporation for Atmospheric Research)	same
Lang	en	English
Format	Application, application/pdf, Netscape, Adobe Acrobat reader	application, application/pdf
Rights	For science/educational use consistent with the methodologies of the GLOBE Program	same
Access Rts		NSDL wants content
Dates	2003-08-01	same
Edu Std	(using ASN): http://purl.org/ASN/resources/S101E20E , (using ASN): http://purl.org/ASN/resources/S102DBAB (using ASN): http://purl.org/ASN/resources/S102DBAA , (using ASN): http://purl.org/ASN/resources/S102DBA9 (using ASN): http://purl.org/ASN/resources/S101D0D7 , (using ASN): http://purl.org/ASN/resources/S101FD8A (using ASN): http://purl.org/ASN/resources/S1007522 , (using ASN): http://purl.org/ASN/resources/S101F7FA (using ASN): http://purl.org/ASN/resources/S10192B6 , (using ASN): http://purl.org/ASN/resources/S1014D95 (using ASN): http://purl.org/ASN/resources/S1004543 , (using ASN): http://purl.org/ASN/resources/S100B8A6 (using ASN): http://purl.org/ASN/resources/S100B227 , (using ASN): http://purl.org/ASN/resources/S10113AA	same