

NSDL Usage Report –February 2009

Contents

1. NSDL.ORG	2
<i>Comments</i>	<i>2</i>
1A. ENTRY PAGES AND BOUNCES.....	3
1B. TIME SPENT ON NSDL.....	4
1C. REFERRING TRAFFIC	5
1D. SEARCH TERMS.....	5
1E. SOCIAL NETWORKING.....	6
1.e.1 Social Bookmarking Sites.....	6
1.e.2. Facebook	6
1.e.3 Google Gadget	7
1.e.4 Twitter.....	8
1.F DEMOGRAPHICS.....	8
2. NSDL.ORG, NSDL PATHWAYS, AND SELECTED PARTNER WEBSITES	10
<i>Comments</i>	<i>10</i>
3. NOTES	10

1. nsdl.org

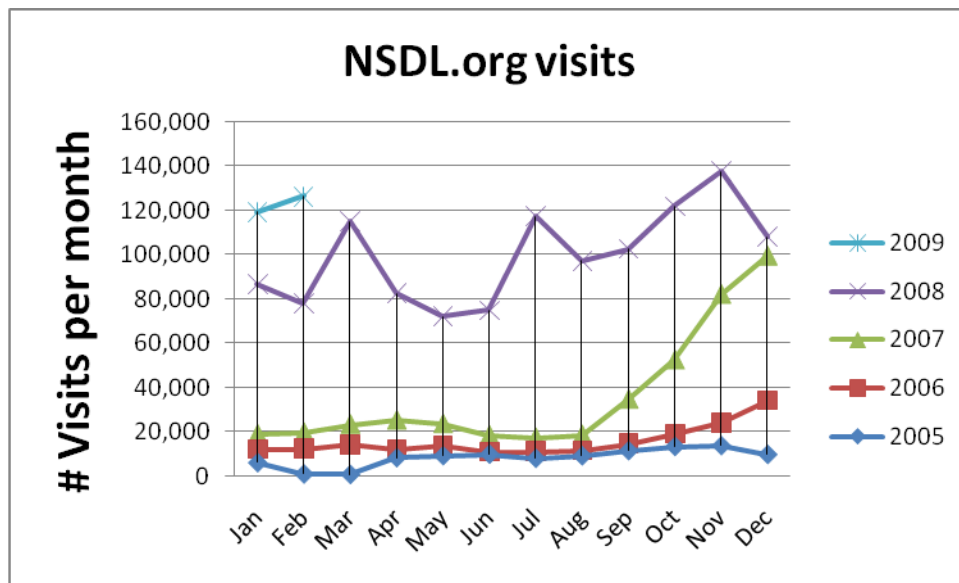


Figure 1. NSDL.org visits

Visits to nsdl.org

- Monthly visits for February 2009 126,534
- Annual Visits for 12 months ending February 28, 2009 1,282,998

Comments

The rise in traffic from February 08 (77,807 visitors) to February 09 (126,534 visitors) represents a 63% year-on-year increase to visits to NSDL (Figure 1). NSDL had 227,084 page views in February 2009.

The NSDL landing page continues to be the most popular page on NSDL (84,887 page views) in February 2009 and represents the top way users enter NSDL (Figure 2). The second most popular page on NSDL is the ExpertVoices blogs (59,657 pageviews) followed by the Search Results (31,105 pageviews). See Table 1 for the top 10 most popular pages report.

	Page	Page Views
1	Landing Page	84,887
2	ExpertVoices	59,657
3	Search Results	31,105
4	http://nsdl.org	18,363
5	StrandMaps	9,246
6	K12 Teachers	2,452
7	http://nsdl.org/refreshers/science	1,634
8	Search Results - more info - resource	1,621
9	http://nsdl.org/browse	1,527
10	Higher Education	831

Table 1. Most popular pages on NSDL.org

1a. Entry Pages and Bounces

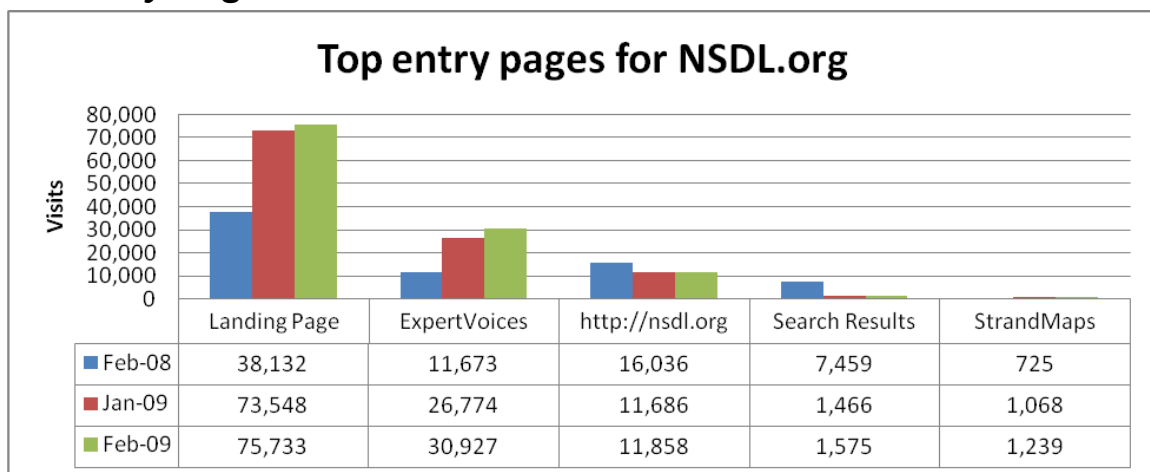


Figure 2. Top entry pages to NSDL.org sites

The top single page visits, also known as ‘bounces’ for the top entry pages are shown in the Figure 3. The number of bounces for the landing pages, Expert Voices blogs, and search results are relatively high in comparison to the entry visit counts. It is unknown whether users are clicking on exit links from these pages after entering the site or leaving by other means.

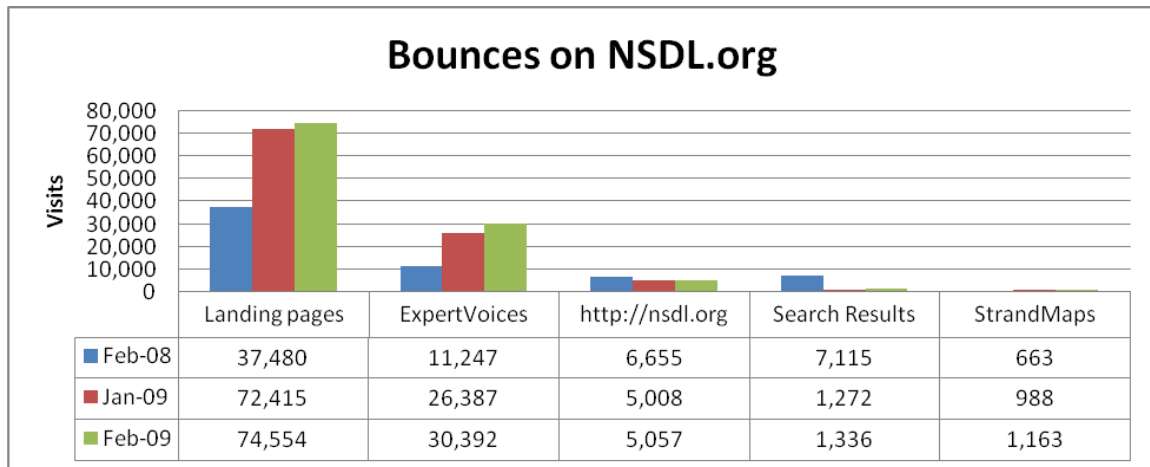


Figure 3. Top single visit pages for NSDL.org sites

1b. Time spent on NSDL

The amount of time users spent on NSDL.org sites is described in Figure 4. The number of users spending between 1 minute and 30 minutes on nsdl.org sites was larger in February 2009 than in February 2008 which the greatest number of people spending 1-5 minutes.

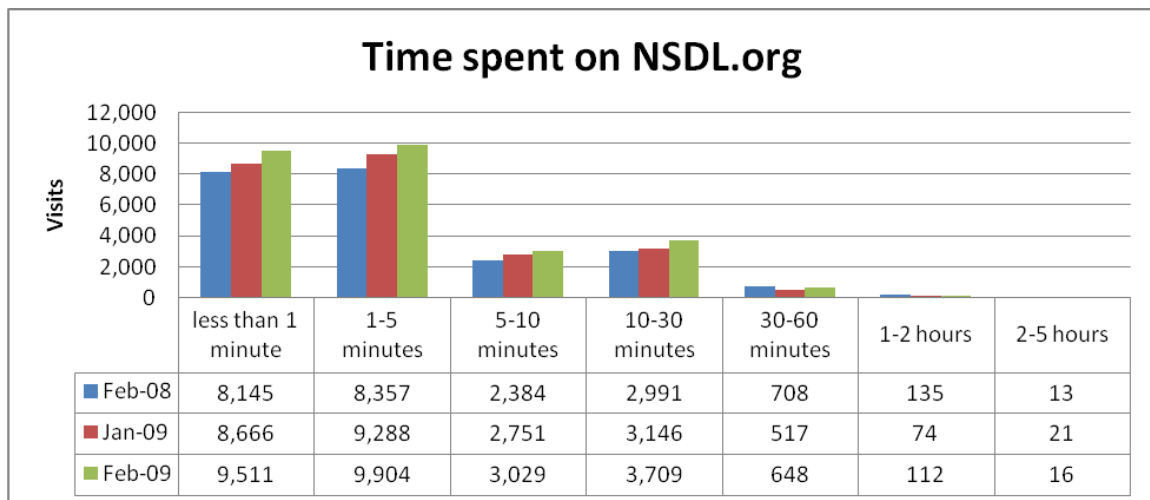


Figure 4. Time spent per visit to NSDL.org sites

1c. Referring Traffic

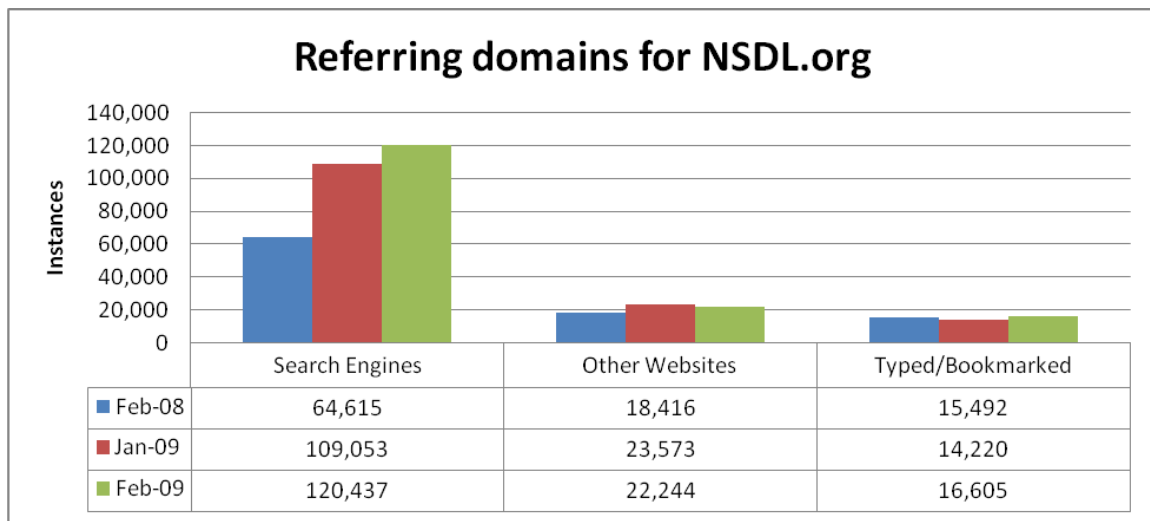


Figure 5. Referring domain traffic to NSDL.org

Referring traffic to NSDL.org from search engines, links from other websites and bookmarks increased 10% in February 2009 from January 2009 and increased 86% from February 2008. Most referring traffic to NSDL.org sites came from search engines. The top 50 referring search engine keywords are included at the end of the report.

1d. Search Terms

The top 50 search terms used in the NSDL.org search UI for February 2009 is included at the end of the report. An error was discovered in the omniture implementation that tracks NSDL.org search keywords where the search term used at external search engines were being recorded when a user arrives at a landing page. This logic is problematic because the user has not yet performed a search at NSDL.org and would therefore skew results. This implementation has been modified to record the search terms from external search engines that led to landing pages separately from NSDL.org search terms. Next month's report will contain separate reports for the two types of search terms along with a list of the top accessed landing pages.










1e. Social Networking

1.e.1 Social Bookmarking Sites

The most bookmarked NSDL webpage on delicious.com is the NSDL.org homepage with 1197 bookmarks up from 1149 bookmarks for the January 2009 report. The Strandmaps homepage is the second most popular NSDL webpage on delicious.com with 80 bookmarks, up from 74 bookmarks for the January 2009 report. The associated user-generated delicious tags for the NSDL.org homepage and the strandmaps homepage are included at the end of the report. Additional social popularity counts are listed in Figure 6.

Social Popularity

Popularity of nsdl.org

 1197 bookmarks at Delicious	 20 inbound links from Wikipedia
 3 pages posted on Digg	 0 pages made to the first page of Digg
 2 pages posted on Reddit	 5 comments on StumbleUpon
 32 page references from Yahoo! Answers	 0 inbound links from Google Groups
 380 blog reactions from Technorati	

Popular Pages : All Time

Pages	 Delicious bookmarks	 Digg digs comments	 Twitturly twitts reach	 Reddit points comments	 Stumbleupon comments
High Schoolers Build 1700 MPG Car	0	6	0	-	1
Science, Science Fiction, Ethics, and Indian...	0	3	0	-	0

Figure 6. Social popularity of NSDL.org from quarkbase.com

1.e.2. Facebook

NSDL has a search application and an organization page on the social networking website Facebook.com. As of this report the organization page has 44 fans and the Search application has 45 fans, 14 monthly active users and 181 total users. Fans of the Search application are 55% male, 45% female and are typically 25 years old and older (Figure 7). In addition to fans residing in the United States, the Search application has international fans. Most fans have their profiles hidden, preventing deeper demographic analysis. The Search application gained 2 fans in February 2009.

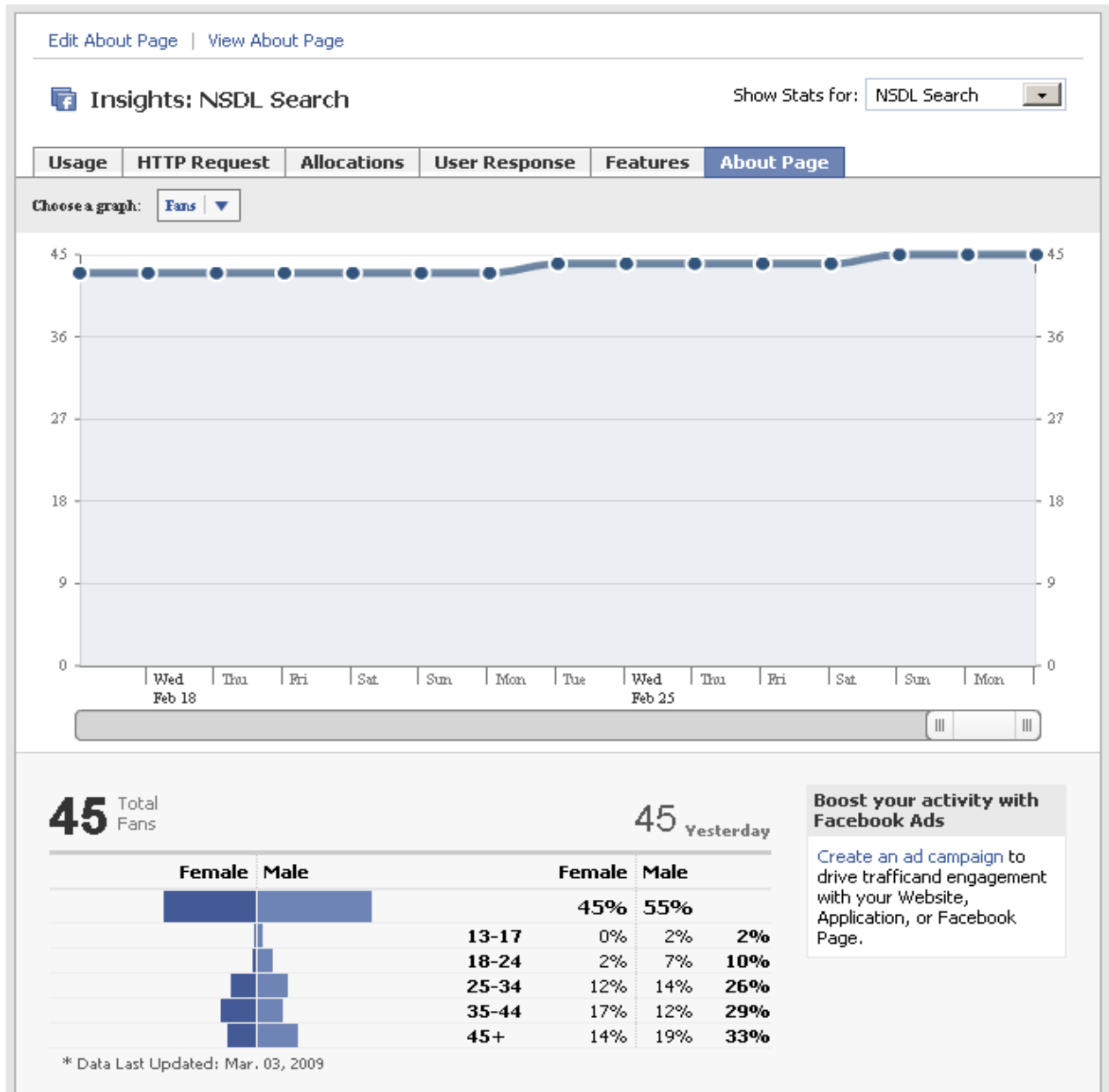


Figure 3. Age and gender breakdown for fans of the NSDL search application on facebook.com

The search terms used on the NSDL Facebook search application are included at the end of this report. These terms were determined by instrumenting the Google Analytics Site Search settings to monitor for the 'q' parameter used in a search query. There were 4 recorded unique searches for February 2009.

1.e.3 Google Gadget

The NSDL Search Google gadget users can submit a search either by clicking the Search submit button or pressing the Enter key on their keyboard. Both of these methods are tracked in Google Analytics to determine which keywords are used in the gadget. Web

users submitted a search with the NSDL Search Google gadget 86 times in February 2009. A list of search terms for both methods is included at the end of the report.

In addition to individuals' personalized iGoogle homepages, the NSDL Search gadget's referring traffic includes several non-Google domains, indicating that web users are using the syndicated gadget on their own websites.

1.e.4 Twitter

NSDL.org gained several twitter references in February 2009 resulting in 56 clickthroughs to NSDL.org. Recorded Tweets for February 2009, filtering tweets from NSDL promotional tweets from 'mintonmorris' and 'NSDL' are included at the end of the report.

Clickthroughs were determined by narrowing referring site traffic to twitter.com using Omniture. This method is problematic as it relies on the referrer header to record this traffic. Unfortunately desktop and mobile twitter application account for 51% of Twitter apps¹ and would be recorded as direct traffic².

1.f Demographics

	City	Visitors
1	Ithaca (New York)	1,713
2	New York (New York)	1,491
3	Atlanta (Georgia)	1,389
4	Houston (Texas)	848
5	Chicago (Illinois)	847
6	Los Angeles (California)	828
7	Washington (District of Columbia)	775
8	Philadelphia (Pennsylvania)	711
9	Boston (Massachusetts)	660
10	Miami (Florida)	576

Table 2. Top 10 US cities

The top 10 originating cities for visitors to NSDL.org limited to the United States are listed in table 2.

¹ http://tweetstats.com/twitter_stats

² <http://www.twitip.com/how-to-track-twitter-clicks-and-get-conversion-data/>

The NSDL Outreach group had an exhibit booth and two sessions at the AAAS conference in February 2009 in Chicago, Illinois. NSDL.org had 735 visitors from Chicago, Illinois in January 2009 and 606 visitors in December 2008.

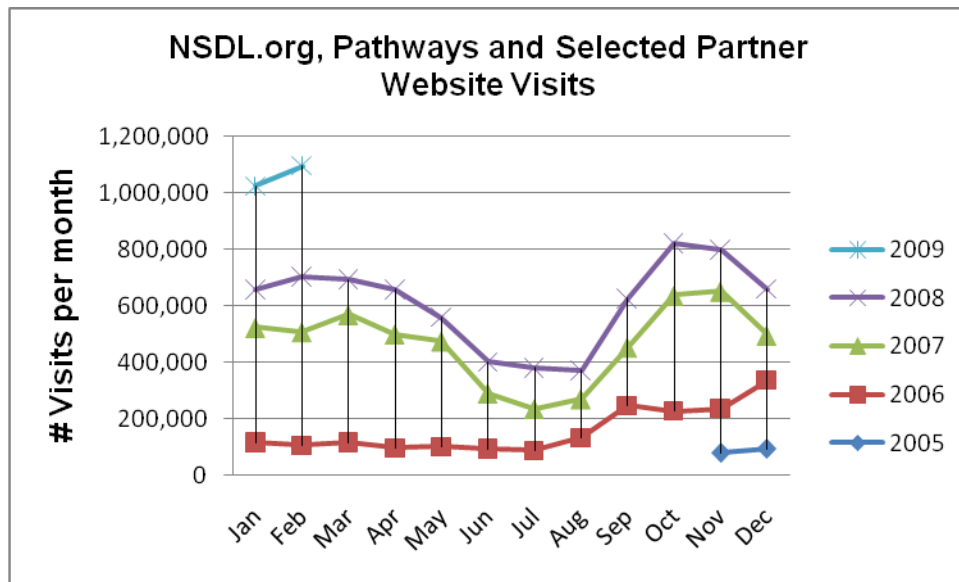
The National Science Teachers' Association annual conference takes place in New Orleans from March 18-22, 2009 and NSDL.org should see an upswing of traffic from New Orleans, LA in the March 2009 report. New Orleans, LA ranked #85 for US cities in February 2009 with 130 visitors.

	City	Visitors
1	New Delhi (Delhi, India)	2,033
2	Ithaca (New York, US)	1,713
3	New York (New York, US)	1,491
4	Atlanta (Georgia, US)	1,389
5	Sao Paulo (Sao Paulo, Brazil)	1,098
6	Mumbai (Maharashtra, India)	1,094
7	Makati (Manila, Philippines)	1,051
8	Houston (Texas, US)	848
9	Chicago (Illinois, US)	847
10	Seoul (Korea, Korea - South)	845

Table 3. Top 10 worldwide cities

The top 10 originating cities for visitors to NSDL.org worldwide are listed in table 3.

2. nsdl.org, NSDL pathways, and selected partner websites



Combined visits to nsdl.org, Pathways projects, and partner websites

- Combined visits for February 2009 1,094,493
- Combined visits for 12 months ending February 28, 2009 8,144,618

Comments

February 2009 traffic across all the NSDL Pathway and Partner sites instrumented by Omniture (including nsdl.org, DLESE, and some of the NSDL Pathways) was 1,094,493 visits. Yearly traffic increased to 8 million visits.

The rise in traffic from February 08 (703,018 visitors) to February 09 (1,094,493 visitors) represents an 56% year-on-year increase to visits across all the NSDL Pathway and Partner sites instrumented by Omniture (see chart above).

3. Notes

The basic unit of analysis reported here is the 'visit.' A visit begins when a person first views a page on nsdl.org or a partner site, and ends after measured activity ceases for 30 minutes. The assumption is that each visit represents an attempt by a user to complete a task on nsdl.org. For information on the differences between 'visits' and other webmetrics, such as 'page views,' see 'Introduction to NSDL Webmetrics,' http://eval.comm.nsdl.org/docs/06_webmetrics_intro.pdf.

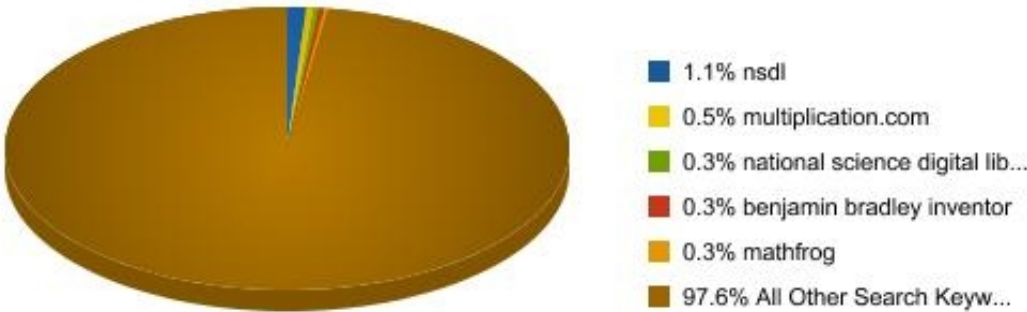
The webmetrics discussed in this report are provided by Omniture. Note that not all NSDL Pathways sites are instrumented with Omniture. Omniture can report lower website traffic than individual projects' server webmetric tools.

Additional tools used in this report include Google Analytics, Facebook Insights, [Delicious.com URL lookup](#), and [Quarkbase](#). Quarkbase is a website information aggregator and was used to determine social bookmarking references to NSDL.org. Twitter references are determined by setting up twitter 'listeners' using the twitter search mechanism at <http://search.twitter.com> and subscribing to the RSS feeds for the following terms 'nsdl,' 'nsdl.org,' and 'national science digital library.'

All Search Keywords Report

Reporting Date: February 2009
Search: None
Number of entries requested: 50

Graph



Search Keywords

February 2009

Graph Generated by SiteCatalyst using Report Accelerator at 6:33 PM EST, 5 Mar 2009

Details

	Search Keyword	Searches	%
1.	nsdl	1,175	1.1%
2.	multiplication.com	491	0.5%
3.	national science digital library	326	0.3%
4.	benjamin bradley inventor	288	0.3%
5.	mathfrog	278	0.3%
6.	pressÃ£o venosa central	207	0.2%
7.	dna computing	193	0.2%
8.	athletic sign in	183	0.2%
9.	athletics sign in	153	0.1%
10.	mecanoterapia	146	0.1%
11.	nike marketing strategy	118	0.1%
12.	www.readwritethink.org	112	0.1%
13.	nsdl.org	106	0.1%
14.	readwritethink.org	98	0.1%
15.	science library	95	0.1%
16.	teaching measurement	92	0.1%
17.	latin hypercube	91	0.1%
18.	experimental probability	88	0.1%
19.	alojamiento conjunto	84	0.1%
20.	dmarie time capsule	80	0.1%
21.	national digital library	80	0.1%
22.	science concept maps	79	0.1%
23.	digital library	70	0.1%

SiteCatalyst™

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All Search Keywords Report			
24.	mann whitney calculator	69	0.1%
25.	human skeleton	67	0.1%
26.	nash equilibrium poker	65	0.1%
27.	duraspace	61	0.1%
28.	atomic structure timeline	61	0.1%
29.	latin hypercube sampling	61	0.1%
30.	benjamin bradley the inventor	54	0.0%
31.	theoretical and experimental probability	53	0.0%
32.	ncbi trace archive	51	0.0%
33.	science concept map	51	0.0%
34.	webkids	50	0.0%
35.	ndsl	49	0.0%
36.	relationship between science and technology	47	0.0%
37.	figuring ratios	46	0.0%
38.	linear measurement	45	0.0%
39.	computer generated imagery	44	0.0%
40.	unusual plants	44	0.0%
41.	mann whitney u test calculator	41	0.0%
42.	simplex method	41	0.0%
43.	image fusion	40	0.0%
44.	kings list of online math activities	40	0.0%
45.	otis boykin	40	0.0%
46.	clarence l. elder	40	0.0%
47.	nike's marketing strategy	40	0.0%
48.	www.yahooligans.com	39	0.0%
49.	benjamin bradley	38	0.0%
50.	torabolic	38	0.0%
Total		108,232	

Custom Insight 1 Report

Reporting Date: February 2009

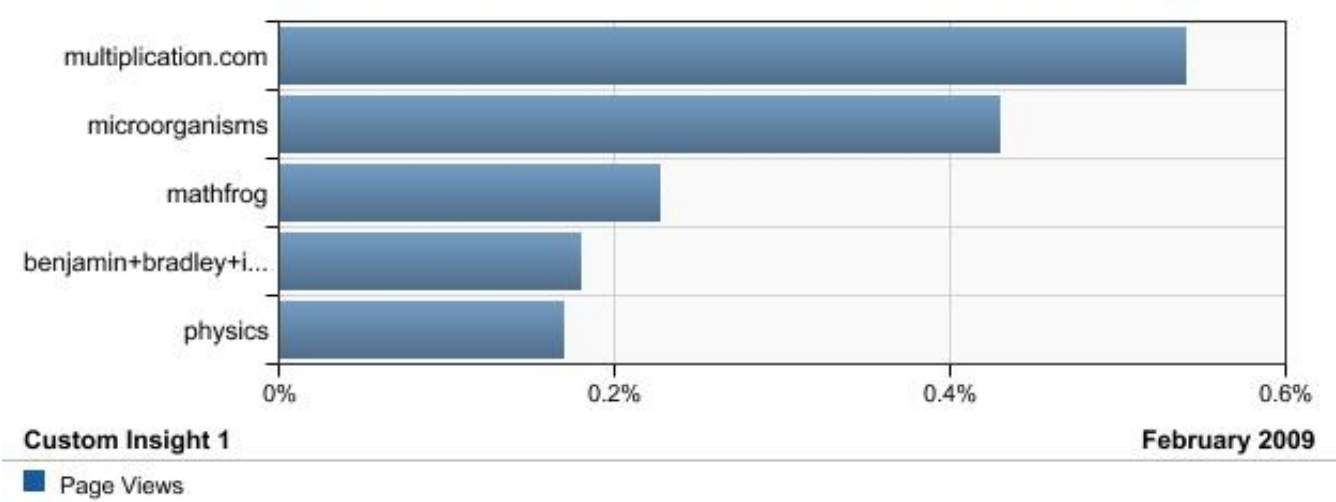
Correlation Filter: None

Search: None

Graph: Percentages

Number of entries requested: 50

Graph



Graph Generated by SiteCatalyst using Report Accelerator at 6:34 PM EST, 5 Mar 2009

Details

Custom Insight 1		Page Views	
1.	multiplication.com	373	0.5%
2.	microorganisms	297	0.4%
3.	mathfrog	157	0.2%
4.	benjamin+bradley+inventor	125	0.2%
5.	physics	118	0.2%
6.	press%C3%A3o+venosa+central	114	0.2%
7.	mathletic+sign+in	105	0.2%
8.	augmented reality	102	0.1%
9.	chemistry	100	0.1%
10.	plants	92	0.1%
11.	math	89	0.1%
12.	mecanoterapia	88	0.1%
13.	mathletics+sign+in	81	0.1%
14.	small mammal communities	71	0.1%
15.	weather	66	0.1%
16.	herbal medicine	65	0.1%
17.	www.readwritethink.org	65	0.1%
18.	global warming	60	0.1%
19.	jakubowski	56	0.1%
20.	Wireless Sensor Networks	54	0.1%

Custom Insight 1 Report		
21.	microorgaNISMS	52 0.1%
22.	Human space flight	51 0.1%
23.	electricity	51 0.1%
24.	readwritethink.org	50 0.1%
25.	food chemistry	49 0.1%
26.	allelopathy	47 0.1%
27.	water cycle	47 0.1%
28.	peppers	47 0.1%
29.	cell	45 0.1%
30.	biology	44 0.1%
31.	genetics	44 0.1%
32.	alojamiento+conjunto	43 0.1%
33.	mathematics	43 0.1%
34.	viscoelastic fluid	40 0.1%
35.	science fair	40 0.1%
36.	science	39 0.1%
37.	plants in drug discovery	36 0.1%
38.	friction	36 0.1%
39.	atomic+structure+timeline	36 0.1%
40.	photosynthesis	36 0.1%
41.	evolution	36 0.1%
42.	mann+whitney+calculator	35 0.1%
43.	heart	34 0.0%
44.	waves	34 0.0%
45.	digital signal processing	33 0.0%
46.	polar bear	32 0.0%
47.	svg	31 0.0%
48.	psychology	30 0.0%
49.	webofscience.com	30 0.0%
50.	video	30 0.0%
Total		68,970

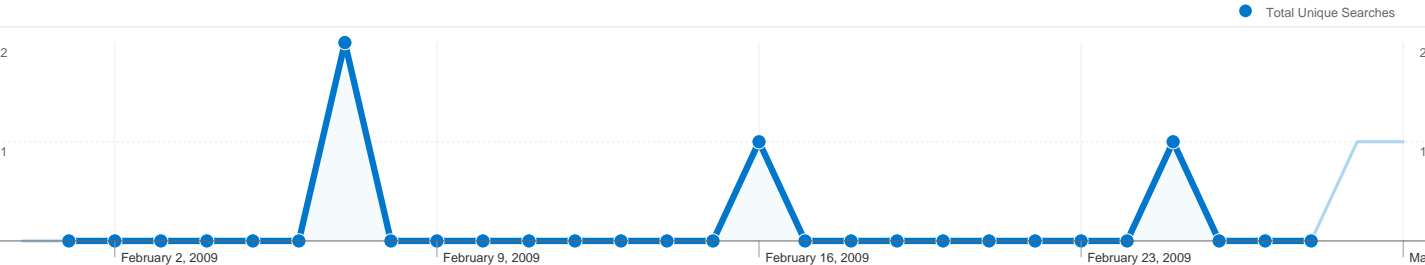
Delicious Tags

nsdl.org contains 280 notes

Tag	Count
science	700
education	285
reference	254
library	253
resources	208
digital_library	190
research	177
technology	141
math	79
teaching	72
digital	69
digital-library	63
digital.library	59
tools	48
engineering	48
libraries	40
nsdl	39
learning	38
database	37
curriculum	36
biology	36
resource	35
mathematics	32
chemistry	30
search	27
academic	27
physics	25
archive	21
databases	19
articles	19

strandmaps.nsdl.org contains 20 notes

Tag	Count
science	41
education	28
teaching	15
curriculum	14
minmap	12
standards	11
concepts	11
map	9
visualization	7
tools	7
resources	7
math	6
maps	5
technology	4
mindmapping	4
learning	4
nsdl	3
literacy	3
mathematics	3
development	3
design	3
concept-maps	3
conceptmap	2
discovery	2
free	2
concept_mapping	2
aaas	2
classroom	2
concept	2
concept-mapping	2



There were 4 unique searches via 4 search terms

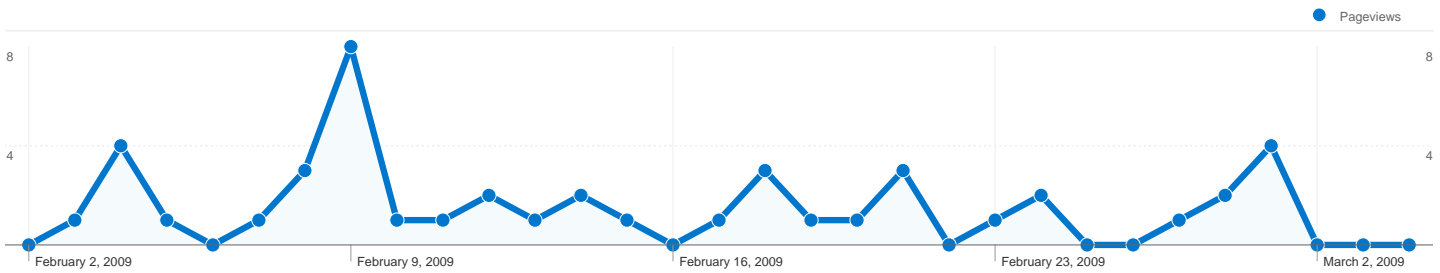
Site Search Usage							
Total Unique Searches 4 % of Site Total: 100.00%	Results Pageviews/Search 2.25 Site Avg: 2.25 (0.00%)	% Search Exits 50.00% Site Avg: 50.00% (0.00%)	% Search Refinements 0.00% Site Avg: 0.00% (0.00%)	Time after Search 00:03:30 Site Avg: 00:03:30 (0.00%)	Search Depth 2.25 Site Avg: 2.25 (0.00%)		
Search Term		Total Unique Searches	Results Pageviews/Search	% Search Exits	% Search Refinements	Time after Search	Search Depth
laser		1	1.00	100.00%	0.00%	00:00:00	0.00
math		1	1.00	100.00%	0.00%	00:00:00	0.00
math games		1	6.00	0.00%	0.00%	00:13:02	1.00
planets		1	1.00	0.00%	0.00%	00:00:57	8.00
1 - 4 of 4							

Content Drilldown

/ui_click/click/search_submit/

Feb 2, 2009 - Mar 4, 2009

Comparing to: Site



39 pages were viewed a total of 45 times

Content Performance

<div>Pageviews</div> <div>45</div> <div>% of Site Total: 0.11%</div>	<div>Unique Pageviews</div> <div>43</div> <div>% of Site Total: 0.20%</div>	<div>Avg. Time on Page</div> <div>00:04:19</div> <div>Site Avg: 00:10:01 (-56.97%)</div>	<div>Bounce Rate</div> <div>0.00%</div> <div>Site Avg: 66.71% (-100.00%)</div>	<div>% Exit</div> <div>42.22%</div> <div>Site Avg: 51.15% (-17.45%)</div>	<div>\$ Index</div> <div>\$0.00</div> <div>Site Avg: \$0.00 (0.00%)</div>	
Page	Pageviews	Unique Pageviews	Avg. Time on Page	Bounce Rate	% Exit	\$ Index
/	3	3	00:03:52	0.00%	66.67%	\$0.00
/genetics	2	2	00:22:51	0.00%	50.00%	\$0.00
/graduate	2	1	00:00:56	0.00%	0.00%	\$0.00
/orthopaedics	2	2	00:10:32	0.00%	50.00%	\$0.00
/scilab	2	1	00:00:47	0.00%	0.00%	\$0.00
/"circle of unfathomable age"	1	1	00:00:00	0.00%	100.00%	\$0.00
/beer foam	1	1	00:00:03	0.00%	0.00%	\$0.00
/birth rate	1	1	00:00:00	0.00%	100.00%	\$0.00
/buffalo	1	1	00:00:00	0.00%	100.00%	\$0.00
/cell	1	1	00:00:42	0.00%	0.00%	\$0.00
/cells	1	1	00:00:00	0.00%	100.00%	\$0.00
/circulatory system	1	1	00:00:00	0.00%	100.00%	\$0.00
/cold	1	1	00:03:23	0.00%	0.00%	\$0.00
/dna junk	1	1	00:00:00	0.00%	100.00%	\$0.00
/electronics	1	1	00:00:25	0.00%	0.00%	\$0.00
/engineering project management	1	1	00:01:41	0.00%	0.00%	\$0.00
/fall of babylon	1	1	00:00:00	0.00%	100.00%	\$0.00
/finsler complex metric	1	1	00:22:57	0.00%	0.00%	\$0.00
/gravity	1	1	00:07:01	0.00%	0.00%	\$0.00
/hermitian finsler	1	1	00:00:44	0.00%	0.00%	\$0.00
/hermitian finsler metric	1	1	00:07:47	0.00%	0.00%	\$0.00

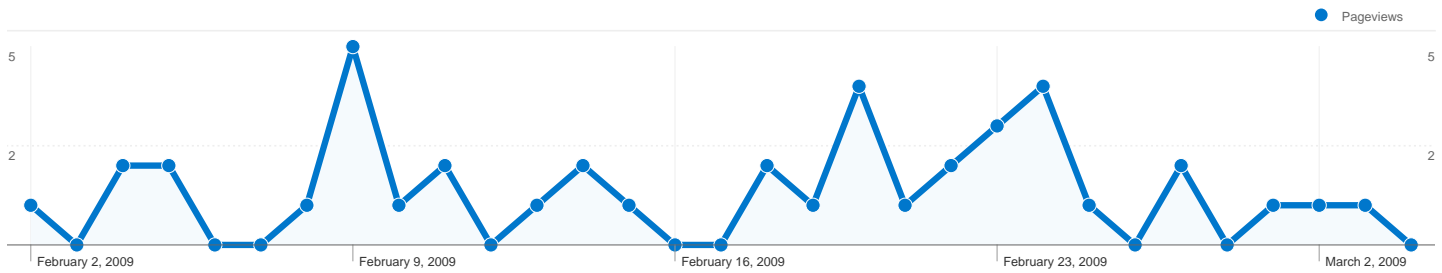
/human physiology	1	1	00:00:00	0.00%	100.00%	\$0.00
/integral geometry	1	1	00:00:00	0.00%	100.00%	\$0.00
/kolaskar as	1	1	00:00:25	0.00%	0.00%	\$0.00
/lead-210	1	1	00:00:39	0.00%	0.00%	\$0.00
/lion hunting	1	1	00:00:00	0.00%	100.00%	\$0.00
/math	1	1	00:00:00	0.00%	100.00%	\$0.00
/nanotubes	1	1	00:00:37	0.00%	0.00%	\$0.00
/on the fundamental formulas of complex finsler submanifolds	1	1	00:00:00	0.00%	100.00%	\$0.00
/pluto	1	1	00:00:07	0.00%	0.00%	\$0.00
/professional	1	1	00:02:39	0.00%	0.00%	\$0.00
/qualitative disney history	1	1	00:00:09	0.00%	0.00%	\$0.00
/quest	1	1	00:00:00	0.00%	100.00%	\$0.00
/random matrices	1	1	00:03:23	0.00%	0.00%	\$0.00
/solarsystem	1	1	00:00:00	0.00%	100.00%	\$0.00
/stems curriculum	1	1	00:00:00	0.00%	100.00%	\$0.00
/string theory	1	1	00:01:20	0.00%	0.00%	\$0.00
/thr after acetabular fracture	1	1	00:08:27	0.00%	0.00%	\$0.00
/ψονστρθψτιον μαναγεμεντ	1	1	00:08:58	0.00%	0.00%	\$0.00
1 - 39 of 39						

Content Drilldown

/ui_click/keypress/search_submit/

Feb 2, 2009 - Mar 4, 2009

Comparing to: Site



41 pages were viewed a total of 41 times

Content Performance

Pageviews 41 % of Site Total: 0.10%	Unique Pageviews 41 % of Site Total: 0.19%	Avg. Time on Page 00:02:44 Site Avg: 00:10:01 (-72.79%)	Bounce Rate 0.00% Site Avg: 66.71% (-100.00%)	% Exit 39.02% Site Avg: 51.15% (-23.70%)	\$ Index \$0.00 Site Avg: \$0.00 (0.00%)		
Page		Pageviews	Unique Pageviews	Avg. Time on Page	Bounce Rate	% Exit	\$ Index
/alzheimer's disease		1	1	00:07:34	0.00%	0.00%	\$0.00
/bioethics teaching		1	1	00:00:00	0.00%	100.00%	\$0.00
/brix		1	1	00:03:06	0.00%	0.00%	\$0.00
/calculus		1	1	00:02:38	0.00%	0.00%	\$0.00
/cancer		1	1	00:09:32	0.00%	0.00%	\$0.00
/cells		1	1	00:00:00	0.00%	0.00%	\$0.00
/crow		1	1	00:00:53	0.00%	0.00%	\$0.00
/digestive system		1	1	00:00:00	0.00%	100.00%	\$0.00
/dilemma		1	1	00:00:00	0.00%	100.00%	\$0.00
/dinoflagellates		1	1	00:00:18	0.00%	0.00%	\$0.00
/electronics		1	1	00:00:00	0.00%	0.00%	\$0.00
/engineering project management		1	1	00:00:00	0.00%	0.00%	\$0.00
/entrepreneurial desire		1	1	00:00:00	0.00%	100.00%	\$0.00
/finsler complex metric		1	1	00:00:00	0.00%	0.00%	\$0.00
/frogs		1	1	00:00:14	0.00%	0.00%	\$0.00
/genetics		1	1	00:00:00	0.00%	100.00%	\$0.00
/hermitian finsler		1	1	00:00:00	0.00%	0.00%	\$0.00
/hermitian finsler metric		1	1	00:00:00	0.00%	0.00%	\$0.00
/human body systems		1	1	00:00:00	0.00%	100.00%	\$0.00
/imtiiaz		1	1	00:00:07	0.00%	0.00%	\$0.00
/imtiiaz mazumder		1	1	00:00:06	0.00%	0.00%	\$0.00

/integral geometry	1	1	00:00:00	0.00%	0.00%	\$0.00
/isthmian and corinthian canals	1	1	00:00:00	0.00%	100.00%	\$0.00
/load balancing	1	1	00:00:00	0.00%	100.00%	\$0.00
/luther	1	1	00:00:00	0.00%	100.00%	\$0.00
/muztaba fuad	1	1	00:00:00	0.00%	100.00%	\$0.00
/on the fundamental formulas of complex finsler submanifolds	1	1	00:00:00	0.00%	0.00%	\$0.00
/on the representation of a large even integer as the sum of a prime and a product of at most two primes	1	1	00:00:00	0.00%	100.00%	\$0.00
/paradox	1	1	00:10:59	0.00%	0.00%	\$0.00
/politics\	1	1	00:02:22	0.00%	0.00%	\$0.00
/polo like kinases	1	1	00:00:00	0.00%	100.00%	\$0.00
/professional	1	1	00:00:03	0.00%	0.00%	\$0.00
/qualitative disney history	1	1	00:00:00	0.00%	0.00%	\$0.00
/random matrices	1	1	00:00:00	0.00%	0.00%	\$0.00
/role for the pp2a	1	1	00:00:00	0.00%	100.00%	\$0.00
/sleep disorders	1	1	00:00:00	0.00%	100.00%	\$0.00
/steroids	1	1	00:00:00	0.00%	100.00%	\$0.00
/summer program application	1	1	00:08:33	0.00%	0.00%	\$0.00
/sun	1	1	00:21:44	0.00%	0.00%	\$0.00
/veribrates	1	1	00:00:00	0.00%	100.00%	\$0.00
/ψονστρθψτιον μαναγεμεντ	1	1	00:00:00	0.00%	0.00%	\$0.00

1 - 41 of 41

Twitters about NSDL

Listener for 'nsdl'

The Exploratorium- my favorite digital library! <http://www.exploratorium.edu/partner/nsdl/index.html>
<http://twitter.com/nharm/statuses/1168684729>
2/1/2009 8:01 PM

Learning about <http://www.nsdl.org> at NMSA meeting. Resources are open content and open source.
Very collaborative project. Inspiring.
<http://twitter.com/stevehargadon/statuses/1176661147>
2/4/2009 9:09 AM

Beyond Penguins and Polar Bears - <http://beyondpenguins.nsdl.org/>
<http://twitter.com/TheTeacherPage/statuses/1177911124>
2/4/2009 3:59 PM

still figuring out the email problem while on a **NSDL** web conference call
<http://twitter.com/profbieber/statuses/1180564002>
2/5/2009 11:35 AM

Pabūk radiologu: <http://nsdl.org/resource/2200/20070624014212309T>
<http://twitter.com/eziukai/statuses/1192816687>
2/9/2009 12:08 PM

For K-5 science teachers + kids, from National Science Digital Library: Beyond Penguins and Polar Bears:
<http://expertvoices.nsdl.org/polar/>
<http://twitter.com/dogstories/statuses/1194135358>
2/9/2009 7:30 PM

Beyond Penguins and Polar Bears - <http://beyondpenguins.nsdl.org/>
<http://twitter.com/TheTeacherPage/statuses/1206618992>
2/13/2009 8:18 AM

@dajbelshaw final lot - <http://illuminations.nctm.org/>, <http://nsdl.org/>,
<http://www.nsf.gov/news/mmg>,
<http://twitter.com/Ilendil/statuses/1242517283>
2/23/2009 3:11 PM

@usyd_dpa For taxonomy tool, is **NSDL** Registry <http://metadataregistry.org/> of any relevance?
Need to consider sustainability! [#eresearch](#)
<http://twitter.com/jimrhiz/statuses/1265163076>
3/1/2009 4:31 AM

Listener for 'nsdl.org'

Rediscovering the National Science Digital Library - <http://nsdl.org/>
<http://twitter.com/yforsber/statuses/1254370634>

2/26/2009 10:12 AM

Listener for 'national science digital library'

<http://twitter.com/MJT97/statuses/1220705643>

Working on **National Science Digital Library** project.

2/17/2009 3:50 PM