

JA Sakai 2016

Sakai 11 and Apereo

100% Open for Education

Neal Caidin,
Sakai Community Coordinator



Sakai Community Coordinator

Core Responsibility:

- To ensure the continued high quality and timeliness of Sakai CLE releases, on a schedule that is appropriate for institutions depending on the CLE worldwide
- Focus on Community Needs
- Acts as a single point of contact to facilitate community issues



Agenda

- Who is participating in Sakai?
- Brief mention of Sakai 10
- What is special about Sakai 11?
- Next Generation Digital Learning Environment
- Apereo Foundation



Who is Sakai?

- Many answers to this !
- Consumers of Sakai , including Higher Ed and Research institutions, and International
- Developers of Sakai - including institutions with development staff and commercial affiliates
- Participants in the Sakai community - many different talents and roles
- People who don't know what Sakai is - a common thing in open source!
- ALL OF THE ABOVE!



Japanese schools using Sakai

* National University

Nagoya University

Kyoto University

* Public University

Tokyo Metropolitan University

* Private University

Hosei University

Kansai University

Shibaura Institute of Technology

The Open University of Japan



A few of the notable schools who use Sakai (not a comprehensive list)

Duke University

New York University

Rice University

Tufts University

UNC-Chapel Hill

University of Notre Dame

Wake Forest University

Oxford University - U.K.

UNISA - South Africa

Universidad de Murcia -Spain

Fudan University - China



The *apereo* Foundation FARM



Crowdsourcing to raise \$\$

FARM - Funding and Resource Management

- Crowdsourcing
 - Idea sharing
 - Fund-raising
 - Collaborating
-
- FARM is intended to make it easier to share ideas in the community and facilitate collaboration, including monetary investment in commonly shared projects.
 - FARM counseling and mentorship is available
 - FARM website is being developed
 - For Apereo, not just Sakai



Ra11y



<https://confluence.sakaiproject.org/display/2ACC/rA11y+Plan>



<https://www.flickr.com/photos/nasahqphoto>
<https://creativecommons.org/licenses/by-nc-nd/2.0/>

Ra11y - Accessibility project

- Fully funded to identify accessibility issues.
- Intention is to get a VPAT or better, a WCAG Level 2 certification
- We will need help in fixing the accessibility issues identified in this process
- Contracting to an outside vendor, SSB Bart
- Led by Matt Clare, Brock University, Canada, Accessibility Chair
 - (will not be ready with initial release of Sakai 11, but good progress should be made)



Many Working Groups of Sakai

- Sakai Core team
- Sakai Project Management Committee
- Sakai QA planning group
- Apereo FARM
- Apereo Teaching and Learning
- Sakai Might Projects Group
- Online Help documentation
- Morpheus team
- Accessibility Group
- Sakai UX testing group
- Sakai VC funds group
- Sakai promotions/marketing group (new)
- Apereo Conference Planning
- ATLAS awards



A few examples

- Sakai PMC - Project management committee - Sakai governance group
- Sakai Core team - active developers on Sakai. Membership requirements? Show up and participate. Contribute to code. Discuss issues. Respond and ask questions on email.
- Morpheus team - working specifically on responsive design issues.
- QA team - planning and executing a QA test plan for Sakai 11.



Sakai 10

- Blog overview <https://www.unicon.net/sakai10-whatsnew>
- Detail list of features
 - 10.0 - <https://confluence.sakaiproject.org/display/DOC/Sakai+10+Detailed+List+of+Features>
 - 10.1 - <https://confluence.sakaiproject.org/display/DOC/Sakai+10.1+changes>
 - Key changes to Assignments tool - addition of Peer review and Group assignment types.



Sakai 11 Story

- Morpheus
- GradebookNG
- STEP - delivery options
- PA system
- Dashboard
- LEaP



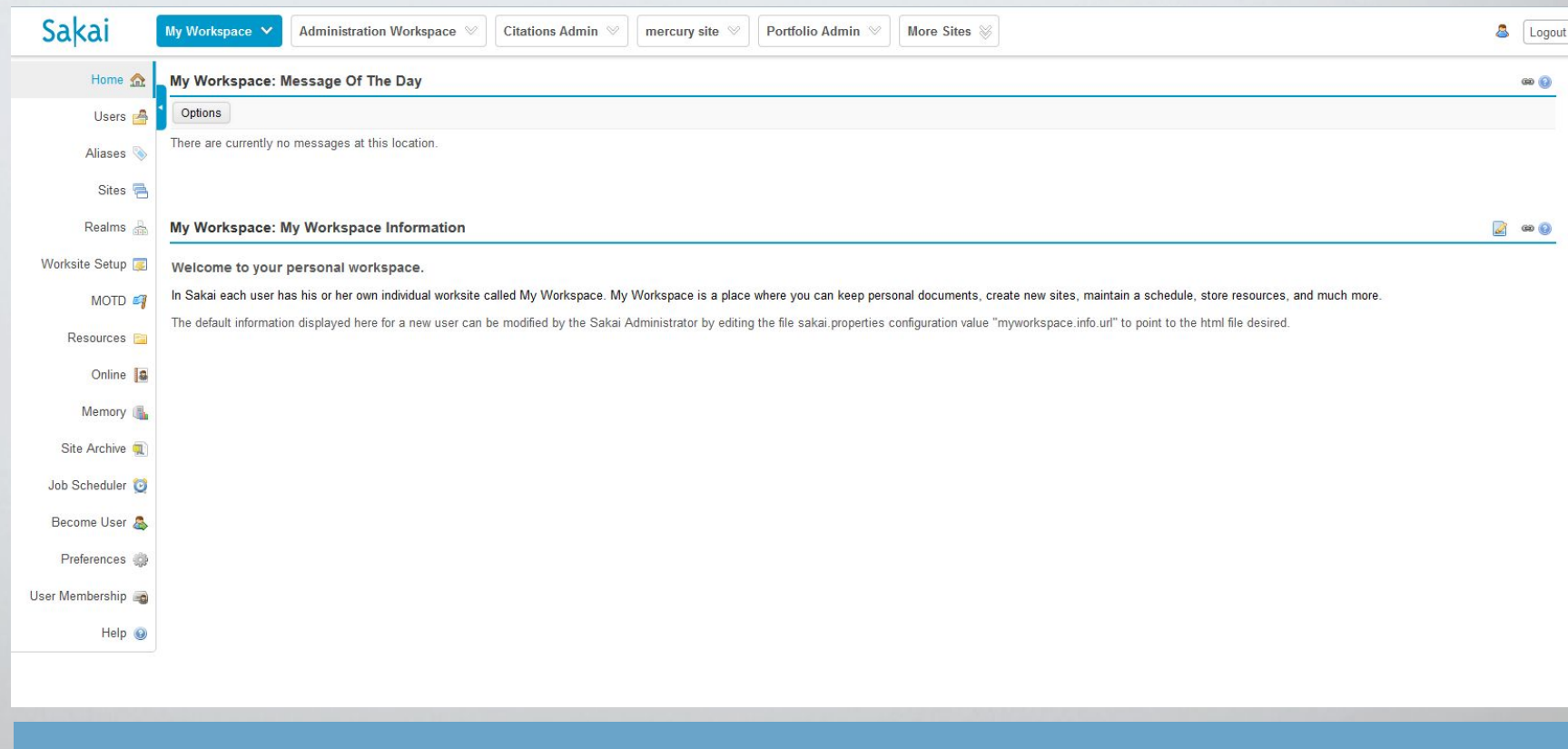
Morpheus - Responsive Design

Benefits

- Responsive to screen size, better for mobile devices
- Provides structure to support tablets as well
- Lays groundwork for flexibility and consistency across tools
- Opportunity for beauty and efficiency
- More customizable at institutional level







Sakai 10 – (Desktop view)



The screenshot displays the Sakai 10 desktop interface. At the top, the Sakai logo is on the left, and a navigation bar contains several dropdown menus: 'My Workspace', 'Administration Workspace', 'Citations Admin', 'mercury site', 'Portfolio Admin', and 'More Sites'. A 'Logout' button is in the top right corner. The main content area is divided into two sections. The first section, 'My Workspace: Message Of The Day', includes an 'Options' button and a message stating 'There are currently no messages at this location.' The second section, 'My Workspace: My Workspace Information', features a heading 'Welcome to your personal workspace.' followed by a paragraph: 'In Sakai each user has his or her own individual worksite called My Workspace. My Workspace is a place where you can keep personal documents, create new sites, maintain a schedule, store resources, and much more. The default information displayed here for a new user can be modified by the Sakai Administrator by editing the file sakai.properties configuration value "myworkspace.info.url" to point to the html file desired.' A vertical sidebar on the left lists various navigation options: Home, Users, Aliases, Sites, Realms, Worksite Setup, MOTD, Resources, Online, Memory, Site Archive, Job Scheduler, Become User, Preferences, User Membership, and Help. A large, stylized 'a' logo is visible in the bottom left corner of the overall image.

Sakai 11 – (Desktop view)

Sakai   Sites |  The

Sakai / My Workspace /  Dashboard










Dashboard

Home
Profile
Membership
Calendar
Resources
Announcements
Worksite Setup
Preferences
Account
Help

[LINK](#) [HELP](#)




Assignments & Events

Upcoming **Starred** Hidden Past

Mar 07 08:00 AM	 Class Presentations - Activity	Discussion 1 SMPL202	 
Mar 10 05:00 PM	 Test 1 - Due date	SMPL101 Spring 2016	 
Mar 10 05:00 PM	 Test 1 - Accept until	SMPL101 Spring 2016	 

Recent Activity

Updates **Starred** Hidden

Yesterday	 Test 1 - added	SMPL101 Spring 2016	 
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Sakai 10 – (PDA Portal)

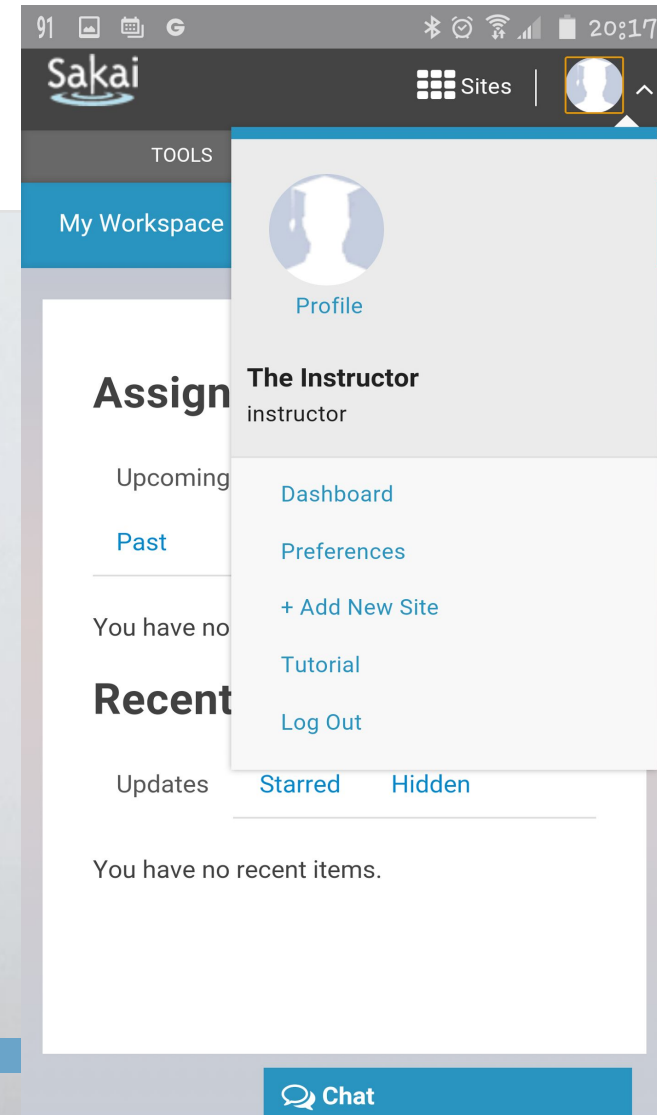
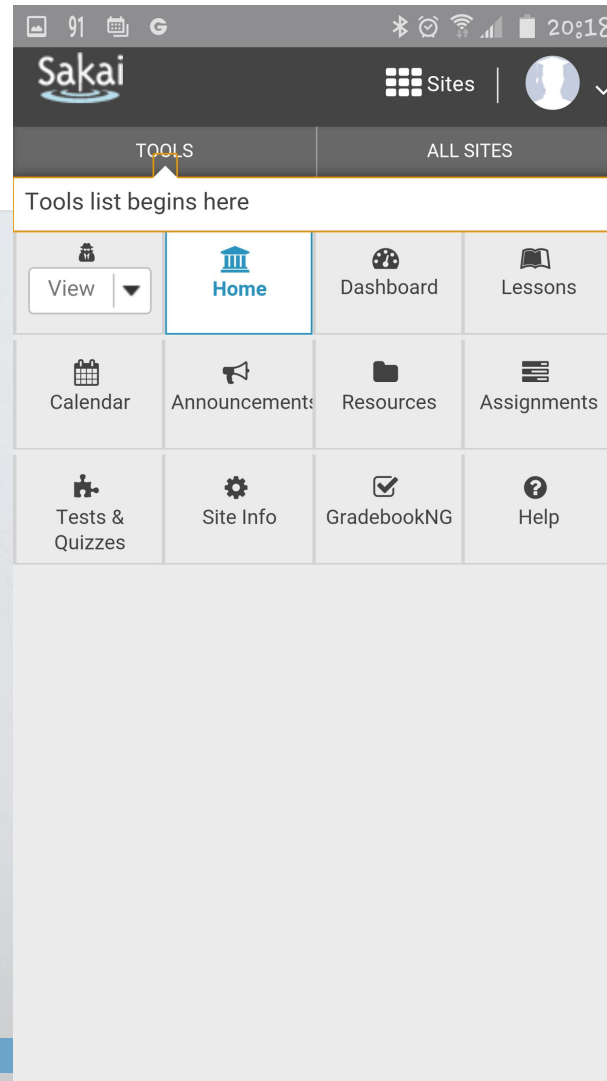
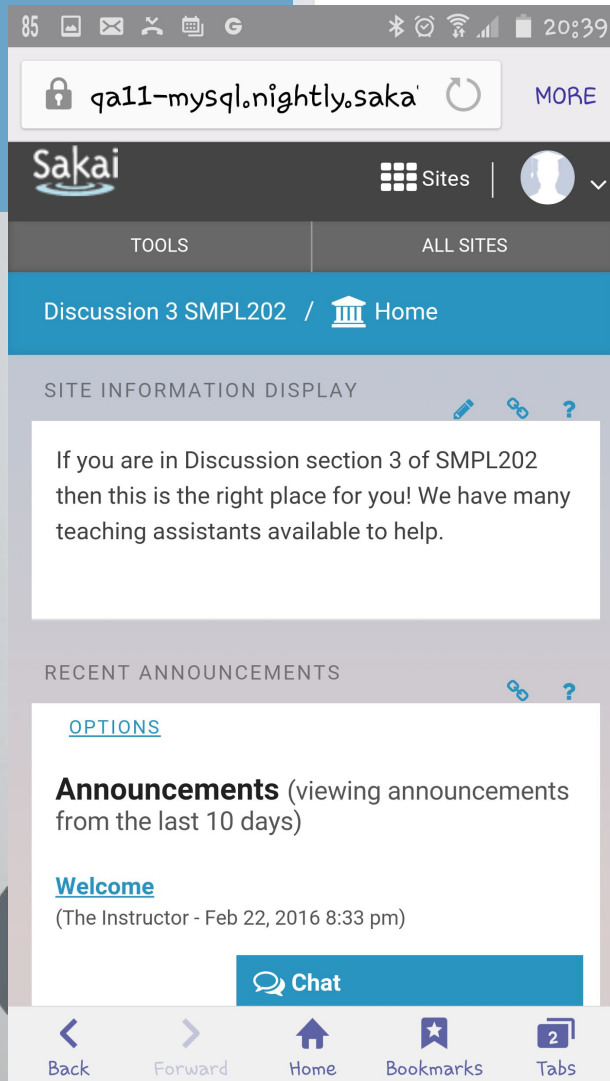
Sites	Log Out
My Workspace	>
Administration Workspace	>
Citations Admin	>
mercury site	>
Portfolio Admin	>
SMPL101 Spring 2014	>
teste	>
Switch to Full View	

Sites	My Workspace	Log Out
Message Of The Day	>	
My Workspace Information	>	
Users	>	
Aliases	>	
Sites	>	
Realms	>	
Worksite Setup	>	
MOTD	>	
Resources	>	
Online	>	
Memory	>	
Site Archive	>	

My Wor...	Log Out
Options	
There are currently no messages at this location.	
Switch to Full View	



Sakai 11 – (Mobile view)



Sakai 11 – (Mobile view)

86 86 20:37

Sakai Sites

TOOLS ALL SITES

View All Sites + Add New Site

Preferences

Sites Organize Favorites (2)

Search sites in this drawer

Spring 2016

- ☆ Discussion 1 SMPL101
- ★ Discussion 1 SMPL202
- ★ Discussion 2 SMPL101
- ☆ Discussion 2 SMPL202
- ☆ Discussion 3 SMPL101
- ☆ Discussion 3 SMPL202

OTHER

- 🏠 My Workspace

86 86 20:38

Sakai Sites

TOOLS ALL SITES

View All Sites + Add New Site

Preferences

Sites Organize Favorites (2)

Organize your favorites

- ★ Discussion 2 SMPL101
- ★ Discussion 1 SMPL202

Announcements (viewing announcements from the last 10 days)

[Welcome](#)
(The Instructor - Feb 22, 2016 8:33 pm)

CALENDAR Chat



GradebookNG

Benefits:

- Spreadsheet entry with auto save
- Built on existing Gradebook (not GB2) , making transition smoother to new version
- Much improved Import and Export of grades
- Consolidated menus, easier to find what you need
- Special instructor display of student view



Gradebook Enhancement

Gradebook

Grades Settings Import / Export Permissions

+ Add Gradebook Item

All Sections/Groups Viewing 9 of 9 items Show/Hide Items Group By Category

Students	Course Grade	Homework 1 Total: 100 Due: 26/03/15	Homework 2 Total: 100 Due: 02/06/15	Homework 3 Total: 100 Due: 08/06/15	Homework 4 Total: 100 Due: 15/06/15	EC Homework Total: 10 Due: -
Filter students						
Teensy, Tiny (tst180)	A-	90	90			
Tester, Tara S (tst322)	B-	70	90			
Tester, Evita S (tst363)	D-	70	50			
Tester, Tabita S (tst283)	B+	85	90 /100			
Tester, Tacy S (tst285)	B-	70	90			
Tester, Takhi S (tst284)	C	100	50			
Tester, Tahlia S (tst286)	B	90	80			
Tester, Taifa S (tst287)	A-	95	94			
Tester, Taavi S (tst288)	B+	95	80			
Tester, Talka S (tst289)	C	80	70			



STEP - Samigo Test and Quizzes

- Samigo Test and Quizzes - allow different delivery settings for groups and individuals
- Image map question type
- User activity report



Assessment released to Entire Site **Exceptions to Time Limit and Delivery Date**

Group: Discussion 1 SMPL101 01 hrs. 00 min.

Delete this entry

Change Delivery Dates for this group/student.

Available Date 02/19/2016 09:30 am

Due Date 02/20/2016 12:30 pm

Retract Date 02/20/2016 01:00 pm

[Add another Time Limit/Delivery Date Exception.](#)

The number of submissions allowed is Unlimited submissions allowed
 Only

It is available 02/19/2016 09:30 am It is due 02/20/2016 09:30 am and has a time limit of 00 hrs. 30 min.

Late submissions accepted? (students get one chance to submit after due date if they haven't already submitted)

No, not after due date

Yes, until 02/20/2016 10:30 am

Samigo Delivery Exceptions

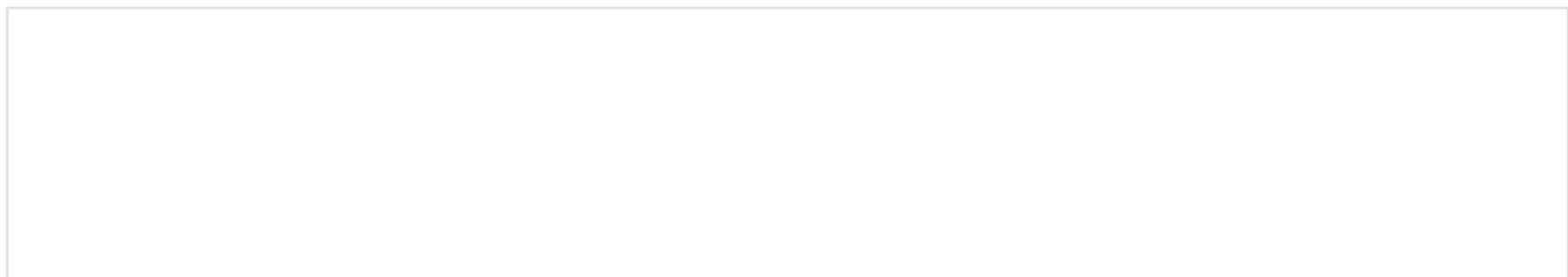
- Allow delivery exceptions for time to exam start time, exam end time, exam late submission time, and how much time to complete the exam.
- Exceptions for groups or individuals.
- Instructor may create multiple exception types
- Example of when this could be needed/benefits:
 - Account for learning disabilities
 - Accommodating other special circumstances



Public Announcement System

- The ability to display a banner message to users.
- Popup messages on login.
- Timezone checks, which alert the user if the timezone set in their Sakai preferences doesn't match the timezone of their local machine.





Warning - System will be down June 5th from 11pm to midnight ET.

Fall 2015 Course site are available to be created.



Administration Workspace | Sample Site 1 | Sample Site 2 | More Sites

Logout



- Dashboard
- Home
- Profile

My Workspace

Dashboard

8 ?



Dashboard



Dashboard Overview

<https://confluence.sakaiproject.org/display/DASH/Home>

The Sakai Dashboard tool will display current and upcoming activity from the Announcements, Assignments, Calendar, Tests, and Resources tools. Additional tools may be added later.



Assignments & Events

Upcoming **Starred** Hidden Past

Today 3:00 PM	Course presentation - Activity	Discussion 3 SMPL101	
Feb 22 09:00 AM	Extra Credit Assignments Due - Activity	Discussion 4 SMPL101	
Feb 26 05:00 PM	Due Assignment 1 - Deadline	Discussion 3 SMPL101	

Recent Activity

Updates **Starred** Hidden

<< < 1-5 **6** > >>

1 minute ago	People of the Arctic - Pop Quiz - added	Discussion 1 SMPL101	
<div><h3>People of the Arctic - Pop Quiz</h3><p>Due: Feb 19, 2016 8:55:00 PM. Accept until: Feb 19, 2016 11:55:00 PM. undefined. Max points: 10.0.</p><p>Published by 05e4dba5-2c29-44b2-a3e2-2ea20c85132c on Feb 19, 2016 2:57:24 PM. Assessment opened Feb 19, 2016 2:55:00 PM.</p></div>			View in Site
7 minutes ago	Class will be in the Quad outdoors - added	Discussion 1 SMPL101	
9 minutes ago	Assignment 1 - added	Discussion 3 SMPL101	
9 minutes ago	Assignment: Open Date for 'Assignment 1' - added	Discussion 3 SMPL101	
11 minutes ago	4 resources added to Discussion 4 SMPL101	Discussion 4 SMPL101	

Dashboard Legend

- Upcoming - recent posts by the instructor
- Starred - will stay available indefinitely, until unstarred
- Hidden - a “trash” metaphor. Can bring back at any time (if item has not expired)
- Past - older events
- Details - clicking on an item shows the details and has a link to the item in the course site



LEAP - Lessons EnhAncement Project



<https://creativecommons.org/licenses/by-nd/2.0/>
<https://www.flickr.com/photos/69187071@N02/>

LEAP - Lessons Enhancement Project

- **Streamlined interface**
- **Multiple columns**
- **Background colors**
- **Rubrics (lightweight)**
- **Peer review (lightweight)**



Print view

Index of pages

LINK

HELP

A



MORE TOOLS



REORDER

TIPS



How to add content to this page

From the add content dropdown list (+ sign), choose the appropriate item. Commonly used items are

- **Add Text** - text (rich text editor)
- **Add Content Links** - files, links to web pages, links to images
- **Embed Content on Page** - images, video files or video sharing sites (e.g. Youtube)
- **Add Assignment** - link to an existing assignment
- **Add Forum topic** - link to an existing forum or forum topic
- **Add Subpage** - add a subpage

You can add other types of content as well. For more informatoin, see [Getting Started with Lessons](#)



A    

MORE TOOLS  REORDER TIPS 

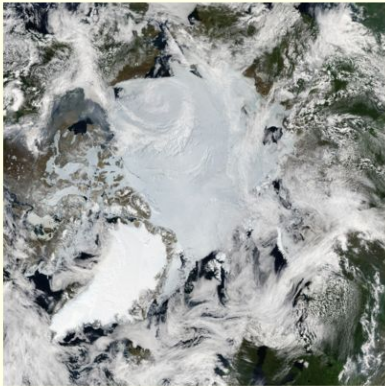


Muskox

Flora and Fauna of the Arctic



The word Arctic comes from the **Greek** word ἀρκτικός (*arktikos*), "near Bear, northern"^[8] and that from the word ἄρκτος (*arktos*), meaning **bear**.^[9] The name refers either to the **constellation Ursa Major**, the "Great Bear", which is prominent in the northern portion of the **celestial sphere**, or to the constellation **Ursa Minor**, the "Little Bear", which contains **Polaris**, the **Pole star**, also known as the North Star.^[10]



By Jeff Schmaltz - NASA Earth Observatory, Public Domain,
<https://commons.wikimedia.org/w/index.php?curid=10815071>



Examples of other improvements

- “Technical Debt” - keeping Sakai current
- Samigo Tests - Allow rationale on Multiple Choice questions
- Samigo Tests - default minimum points for extra credit
- Samigo Tests - instructor email notification option for submissions
- Samigo Tests - randomize answers in multiple choice question types
- Assignments - Add an announcement about the open date by setting the notification level
- Assignments - Can grade with two decimal points, not just one
- Lessons - Search capability
- Lessons - Rubric (in Lessons only)
- Lessons - Upload a new version of a file for replacement
- Lessons - Improved instructions for getting started
- Lessons - cleaner interface
- Lessons - multi-column support



Continued

- Mathjax - LaTeX, MathML and ASCIIMath rendering across all Sakai pages
- Site Info - improvement in tool order, simplified
- Site selection - support of favorites
- Sites - public access made easy
- Calendar - rename for consistency (some places was “Schedule”)
- Calendar - better calendar management, external and internal
- Resources - new file picker (better aesthetics)
- Resources - easier to find - heirarchy tool and search
- Resources - “trash” option
- Resources - role based access
- CKEditor auto save
- CKEditor accessibility plug-in (not bundled with core Sakai)
- Suggestion Feedback Tool
- Citations



NGDLE - the story emerges further

NGDLE = Next Generation Digital Learning Environment

Malcolm Brown, EDUCAUSE Learning Initiative

Joanne Dehoney, EDUCAUSE

Nancy Millichap, Next Generation Learning

<https://net.educause.edu/ir/library/pdf/eli3035.pdf>

Challenges

Pulling out one quote from report -: “But code, like the built environment, imposes a point of view. Classrooms, as one scholar puts it, are instances of built pedagogy, and the LMS, in a similar way, imposes a pedagogical model”



Apereo Foundation

Mission: "The mission of Apereo is to help educational organizations "collaborate to foster, develop, and sustain open technologies and innovation to support learning, teaching, and research." Apereo is still 100% open."

Examples of Apereo Projects:

- Sakai
- Apereo OAE - is a powerful new way for researchers, students and faculty to create knowledge, share, collaborate and connect with the world
- Karuta - next generation portfolio solution
- Xerte - interactive and accessible learning content
- OpenCast - capture, manage and distribute academic media content
- Open Analytics, Student Success Plan, Learning Analytics Processor, Open Dashboard
- + 10 more !



Apereo: what we do ...

... for our software communities & communities of interest

1. **Licensing** and management of **intellectual property**
2. **Technical & community infrastructure**; events, lists etc.
3. **Programs**; Fellows, Teaching Innovation Awards
4. **Banking, Accounting, Administration**
5. **Incubation**; helping develop new communities

Deliberately minimal - we want to save edu money, not remove it!



Tsugi - New Apereo Incubation Project - By Dr. Chuck Severance

- Standards are getting complex to implement
- Tsugi reduces barriers to (non-Sakai) tool development
- Tools work with Sakai and other Learning systems
- Multi-tenant
- Cookie free
- Easy upgrades
- www.tsugi.org



Source Code Control



Git and Github - Why it matters

- Makes the Sakai Project more visible world wide
- Easier for contributors to submit code updates
- Easy system to provide feedback
- Expands our community



Questions ?



Picture Attributions

Morpheus Lego

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Dashboard photo blue

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Little Pink House Question Mark

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