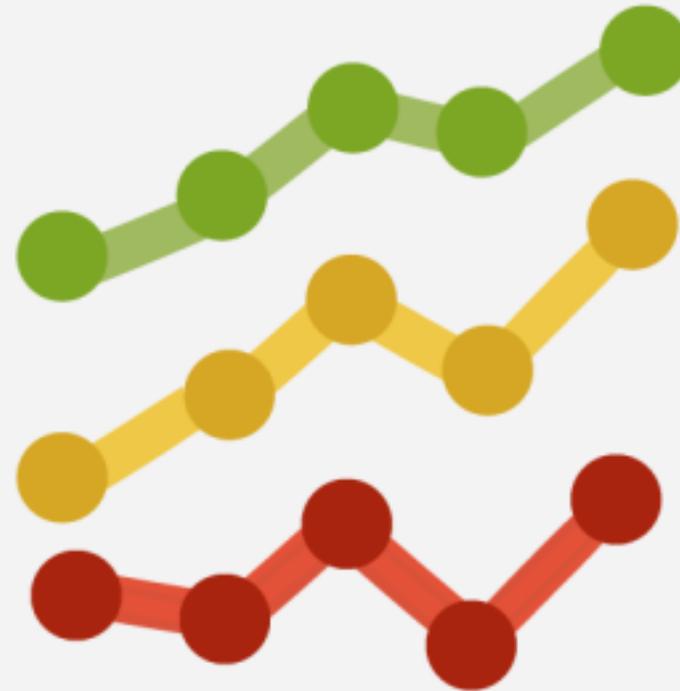




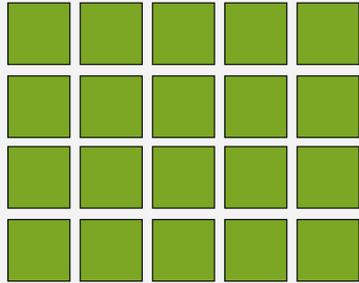
Using Data Analytics
to Improve Student
Performance:
In All Learning
Environments



Techniques & Methods of Learning Analytics

- Learning analytics draws upon techniques from a number of established fields:
 - Statistics
 - Artificial Intelligence
 - Machine Learning
 - Data mining
 - Social Network Analysis
 - Text Mining and Web Analytics
 - Operational Research
 - Information Visualization
- Learning analytics encompasses support for teaching functions of the learning institution.

Data Types



Structured data – stored in databases or spreadsheets and usually requires some type of management.

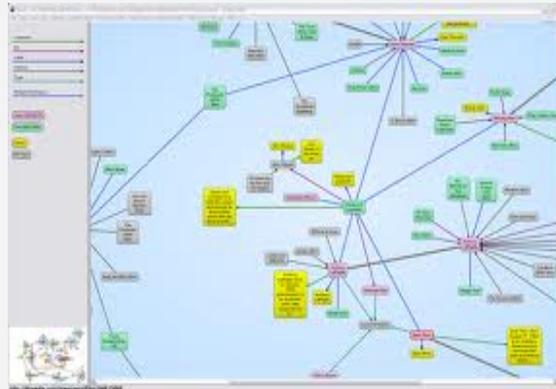
Unstructured data –

Text audio, imagery, video
This also includes student email,
chat rooms, pagers, lectures

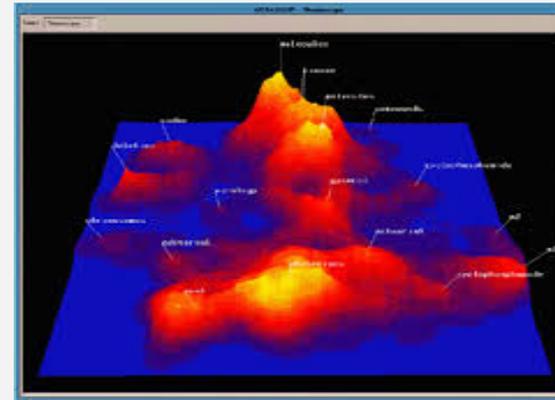


Data Visualization

Structured Data

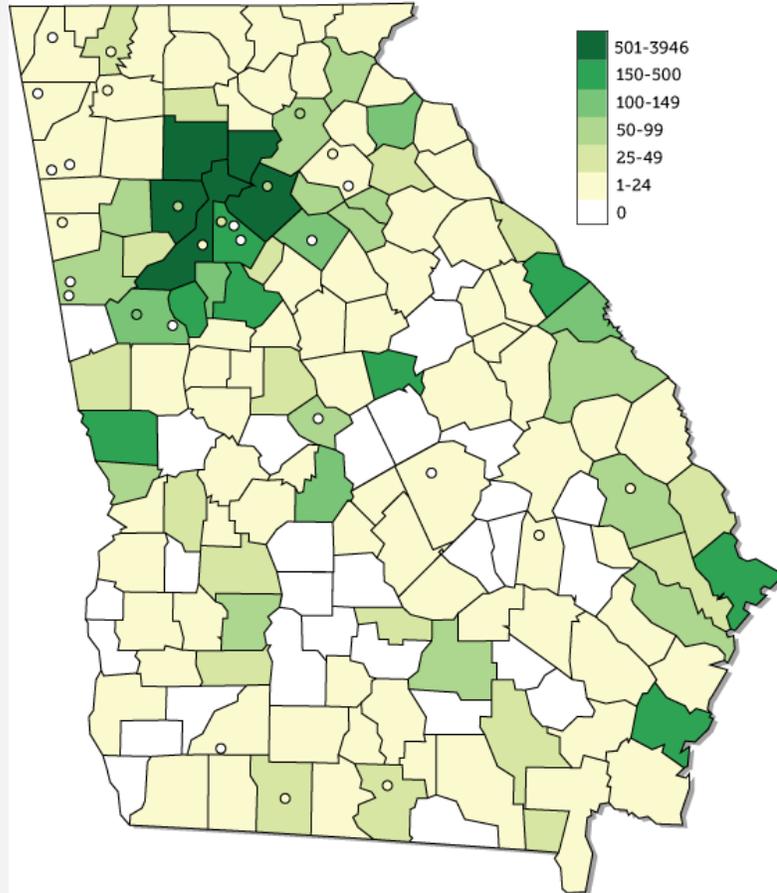


Unstructured Data



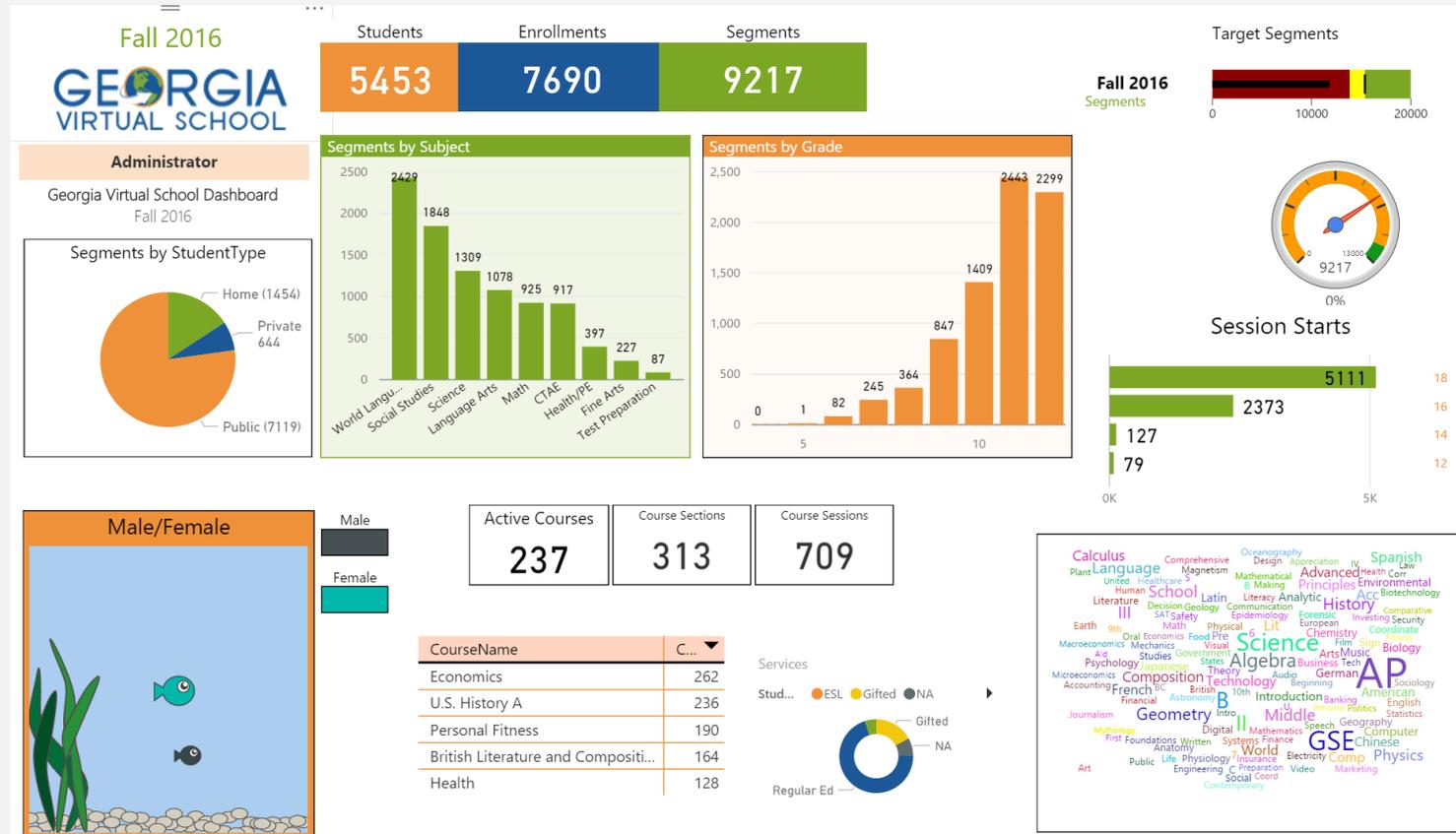
Districts Georgia Virtual School Serves

GaVS Students Per District 2015-2016



A Trusted Educational
Partnership:
Georgia Virtual School and
Your District

Power in Visual Data



In House Tools From Your SIS or LMS

The idea of using data to drive decisions in the classroom is not new.

So What's the Problem?

The data tends to be untimely

The data is unactionable

So What's the Solution?

A Better Question: How Can I Make the Data I Have Actionable?

The critical questions that K-12 school leaders want answered are rarely captured in a single data set.

Data on interconnected issues such as

- student performance
- behavior
- attendance

typically housed in dozens of disparate legacy data systems that have limited functionality and lack integration. (EdSurge, 2014)

LMS Analytics TOOL



GaVS finds student performance success through
Brightspace Insights™ Tools Provided in our LMS

What is Insights?

- Data reporting tool found within Brightspace
- Set specific parameters to see where students are succeeding and/or struggling
- Data presented in easy to read reports
- Reports may be viewed within the LMS and downloaded

Insights Portal

New Report

Manage Categories

Search For:



Show Search



Page: 2 of 2

10 per page

Display Name ▲	Category	Is Default
<input type="checkbox"/> Learning Outcome Alignment ▼		outcome relationships between two selected institution, program, department, or course).
<input type="checkbox"/> Quiz Item Analysis ▼		on each question on a quiz. Includes how well and low students as well as correlation between
<input type="checkbox"/> Quiz Question Statistics ▼		The report has both a Summary view and a Detailed view. The Summary view shows course quiz question responses and final quiz score distributions. The quiz questions are sorted by most problematic questions first. Comparing the grade of the quiz qu...
<input type="checkbox"/> Rubric Achievements ▼		Contains a comprehensive analysis of the structure of rubrics and achievement rates of their associated activities over time.
<input type="checkbox"/> Tool Access - Course Report ▼	Tool Access	This report shows the total page views per tool (e.g. Content, Discussions, Quizzes, Dropbox, etc.) for a given time period within a given course.
<input type="checkbox"/> User Quiz Scores ▼	Tool Access	The User Quiz Scores report displays user details, attempt details, time spent, and scores achieved for a specific quiz.
<input type="checkbox"/> User Tool Access ▼		A heat map showing how many times participants in a selected course have accessed a tool during a selected time period, including withdrawn participants.

Page: 2 of 2

10 per page

Settings

- Insights Portal
- Attendance
- Competencies
- Edit Course
- ePortfolio
- LOR
- Surveys
- User Progress
- Course Startup Information
- Guidance
- Media Center
- SAT Question of the Day
- Shmoop
- Student Toolbox
- Student Handbook - Spring 2016
- Student Handbook - Summer 2016
- Student Information Notebook

Course Access Report

Course Access

Hide Filters Run Report

Report Filters

Roles ▼

Select Values Clear Values [Select Student Role](#)

Participant Access ▼

All ▼

Enrollment Type ▼

Enrolled ▼

Access Date Range ▼

4/4/2016 Now [Specify Dates](#)

4/11/2016 Now

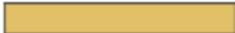
Sort By ▼

Name ▼

Run Report 

- Select desired parameters for filters
- Click Run Report

[REDACTED] (Spring 2016)

Role	Ratio Of Participants (All)	Access Days For All Participants		
		Lowest	Highest	Average
Student	9 of 9 (100%) 	0	32	15

Name (Last, First)	Username	User ID	Days Accessed	Last Access Date
--------------------	----------	---------	---------------	------------------

Student

[REDACTED]	[REDACTED]	[REDACTED]	0	N/A
[REDACTED]	[REDACTED]	[REDACTED]	12	2016-03-29
[REDACTED]	[REDACTED]	[REDACTED]	32	2016-04-10
[REDACTED]	[REDACTED]	[REDACTED]	19	2016-04-10
[REDACTED]	[REDACTED]	[REDACTED]	32	2016-04-10
[REDACTED]	[REDACTED]	[REDACTED]	13	2016-03-28
[REDACTED]	[REDACTED]	[REDACTED]	26	2016-04-10
[REDACTED]	[REDACTED]	[REDACTED]	6	2016-03-29

Student Names

Student Usernames

Student User IDs

Course Access

Report showing access details for a specific course.

Course Access Hide Filters Run Report Done

Report Filters

Roles

Select Values Clear Values

Student
Student 2
Teacher

Participant Access

All

Enrollment Type

Enrolled

Access Date Range

6/6/2016 Now
6/28/2016 Now

Sort By

Name

Run Report

Report Description

Overview

Organization:	Georgia State Department of Education	Sort By:	Last Name
Date Range:	2016-06-06 -- 2016-06-28 (23 Days)	Participant Access:	All
Course(s):	Spanish III AB - Summer 2016 - 201603_641_1 (Summer 2016)		

User Details (Enrollment Type: Enrolled)

Name (Last, First)	Username	User ID	Days Accessed	Last Access Date
Student				
[Redacted]	[Redacted]	1107037	22	2016-06-27
[Redacted]	[Redacted]	1105931	19	2016-06-27
[Redacted]	[Redacted]	1074007	18	2016-06-27
[Redacted]	[Redacted]	1108706	11	2016-06-27

Tool Access Course Report

Report shows the total page views per tool (e.g. Content, Discussions, Quizzes, Dropbox, etc.) for a given time period within a given course.

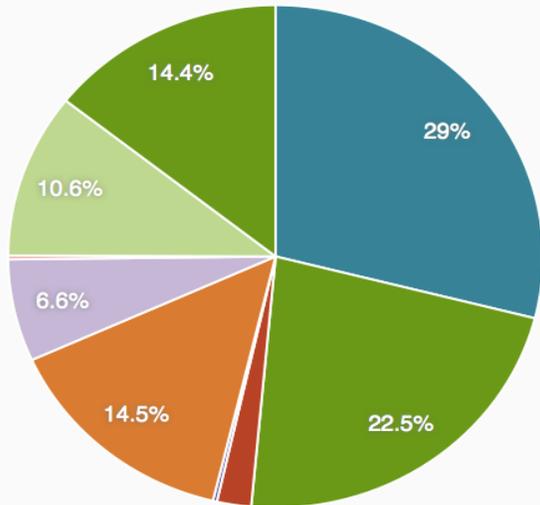
Interactions per tool for Latin I AB - Summer 2016 -
- 201603_17_1
Roles included: Teacher
May 30, 2016 – June 29, 2016

Export to XLSX

Export to CSV

Time Span
Last 30 days

- Role
- All Roles
 - Super Administrator
 - SuperAdmin
 - Instructional Leader
 - GAVS Administrator
 - Department Chair
 - Teacher
 - Student
 - DOE/Special Visitor
 - Dev Spec
 - Reviewer
 - WebService
 - Auditor
 - Blended Admin



Tool	Percent views	Total views (Last 30 days)
Dropbox	29%	238
Discussions	22.5%	185
News	2.1%	17
Classlist	0.2%	2
Grades	14.5%	119
Content	6.6%	54
Pager	0.2%	2
Quizzes	10.6%	87
Homepages	14.4%	118

Days measured using Greenwich Mean Time (GMT 0:00)

User Tool Access

User Tool Access

Hide Filters Run Report

Report Filters

Roles [Select Student Role](#)

Tools [Select Tool\(s\) for Report](#)

Enrollment Type

Enrolled

Access Date Range

[Specify Dates](#)

Sort By

Full Name

- Select desired parameters for report
- Click Run Report

User Quiz Scores

User Quiz Scores

Hide Filters Run Report

Report Filters

Roles **Select Student Role**

Quiz **Select Quiz**

Select a Quiz Attempts Grading Method

Highest Attempt Average

←

- Select desired parameters for report
- Click Run Report

User Quiz Scores

User Quiz Scores

Hide Filters Run Report Done

Report Filters

Roles ▾

Select Values Clear Values

Student

Student 2

Quiz ▾

Latin 1B Final Exam

Select a Quiz Attempts Grading Method ▾

Highest Attempt Average ▾

Run Report

Report Description

User Quiz Scores
Wed Jun 29 07:26:53 EDT 2016
Data Current as of: Tue Jun 28 21:00:09 EDT 2016

Page 1 of 3

Organization: Georgia State Department of Education

Role: Student

Course: Latin I B - Spring 2016 - [REDACTED]

Course Code: 201602_16_1

Quiz: Latin 1B Final Exam

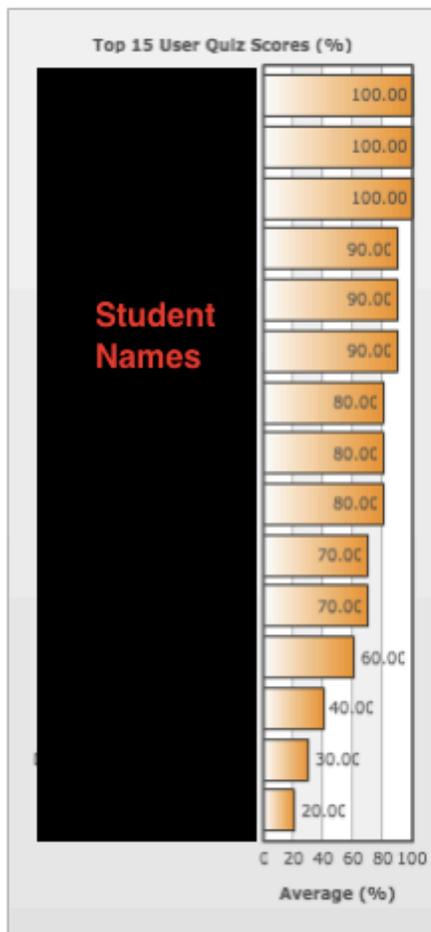
User Name	Full Name	Highest Attempt Average	Completed Attempts	In Progress Attempts	Total Attempts	Duration In Minutes	Score / Out Of
[REDACTED]	[REDACTED]	99.00 %	1	0	1	91	99/100
[REDACTED]	[REDACTED]	98.80 %	1	0	1	83	98.8/100
[REDACTED]	[REDACTED]	98.00 %	1	0	1	88	98/100
[REDACTED]	[REDACTED]	97.50 %	1	0	1	49	97.5/100
[REDACTED]	[REDACTED]	96.67 %	1	0	1	75	96.7/100
[REDACTED]	[REDACTED]	96.50 %	1	0	1	72	96.5/100
[REDACTED]	[REDACTED]	95.70 %	1	0	1	82	95.7/100

Report displaying user details, attempt details, time spent, and scores achieved for a specific quiz.

User Quiz Scores

Mon Apr 11 21:34:13 EDT 2016

Data Current as of: Mon Apr 11 21:00:08 EDT 2016



Organization: Georgia State Department of Education

Role: Student

Course: [Redacted]

Course Code: 201602_30_1

Quiz: Active and Passive Voice Quiz

User Name	Full Name	Highest Attempt Average	Completed Attempts	In Progress Attempts	Total Attempts	Duration In Minutes	Score / Out Of
[Redacted]	[Redacted]	100.00 %	1	0	1	16	10/10
[Redacted]	[Redacted]	100.00 %	1	0	1	4	10/10
[Redacted]	[Redacted]	100.00 %	1	0	1	7	10/10
[Redacted]	[Redacted]	90.00 %	1	0	1	3	9/10
[Redacted]	[Redacted]	90.00 %	1	0	1	15	9/10
[Redacted]	[Redacted]	90.00 %	1	0	1	11	9/10
[Redacted]	[Redacted]	80.00 %	1	0	1	2	8/10
[Redacted]	[Redacted]	80.00 %	1	0	1	4	8/10
[Redacted]	[Redacted]	80.00 %	1	0	1	3	8/10
[Redacted]	[Redacted]	70.00 %	1	0	1	4	7/10
[Redacted]	[Redacted]	70.00 %	1	0	1	11	7/10
[Redacted]	[Redacted]	60.00 %	1	0	1	1	6/10
[Redacted]	[Redacted]	40.00 %	1	0	1	6	4/10
[Redacted]	[Redacted]	30.00 %	1	0	1	5	3/10
[Redacted]	[Redacted]	20.00 %	1	0	1	1	2/10

Student Names and User IDs

Course Quiz Average: 73.33 %

Total results: 15

Quiz Item Analysis Report

Quiz Item Analysis

Hide Filters Run Report

Report Filters

Roles Select Student Role

Select Values Clear Values

Quiz Select Quiz for Report

-- No values --

Run Report

- Select desired quiz for the report
- Click Run Report

Quiz Question Statistics (Summary Report)

Quiz Question Statistics

Hide Filters Run Report Done

Report Filters

Roles

Select Values Clear Values

Student
Student 2

Quiz

Examen 4-Viajemos

Report Type

Summary

Consider Sections in Detailed Report

No

Run Report

Report Description

Page 1 of 1

Organization: Georgia State Department of Education

Role: Student

Course: Spanish III AB - Summer 2016 - [REDACTED]

Course Code: 201603_641_1

Quiz: Examen 4-Viajemos

Question Score and Final Quiz Score Distribution

#	Question Name	Question Type	# Answered	Final Score Correlation	Incorrect				Partially Correct				Correct						
					#	0%	25%	50%	75%	#	0%	25%	50%	75%	#	0%	25%	50%	75%
1	Nos indicó que el Decano	FIB	27	0.44	9	0	1	0	8	0	0	0	0	0	18	0	0	0	18
2	El padre afirmó que su	FIB	27	0.65	5	0	1	0	4	0	0	0	0	0	22	0	0	0	22
3	¿_____ (poder) Uds.	FIB	27	0.39	4	0	1	0	3	0	0	0	0	0	23	0	0	0	23
4	Nosotros _____	FIB	28	0.71	3	0	1	0	2	0	0	0	0	0	25	0	0	0	25
5	Which group contains	MC	28	0.49	3	0	1	0	2	0	0	0	0	0	25	0	0	0	25
6	Ese alumno creía que no	FIB	28	0.6	3	0	1	0	2	0	0	0	0	0	25	0	0	0	25
7	La madre dijo que	FIB	27	0.69	3	0	1	0	2	0	0	0	0	0	24	0	0	0	24
8	Ana indicó que tú y yo no	FIB	26	0.71	3	0	1	0	2	0	0	0	0	0	23	0	0	0	23
9	¿_____ (poder) usted	FIB	26	0.51	2	0	1	0	1	0	0	0	0	0	24	0	0	0	24
10	¿Prometiste que no	FIB	27	0.62	2	0	1	0	1	0	0	0	0	0	25	0	0	0	25
11	¿_____ (viajar) a	FIB	26	0.05	1	0	0	0	1	1	0	0	0	1	24	0	1	0	23
12	¿Cómo se dice "to arrive	SA	23	0.38	1	0	0	0	1	0	0	0	0	0	22	0	0	0	22
13	¿Cómo se dice "the train	SA	25	0.13	1	0	0	0	1	0	0	0	0	0	24	0	1	0	23
14	¿Cómo se dice "the	SA	28	0.05	1	0	0	0	1	0	0	0	0	0	27	0	1	0	26
15	Yo _____ (beber) jugo	FIB	28	0.05	1	0	0	0	1	0	0	0	0	0	27	0	1	0	26
16	Which is the correct	MC	25	N/A	0	0	0	0	0	0	0	0	0	0	25	0	1	0	24
17	Which verb is NOT an	MC	26	N/A	0	0	0	0	0	0	0	0	0	0	26	0	1	0	25
18	¿Quién dijo que esto no	FIB	28	N/A	0	0	0	0	0	0	0	0	0	0	28	0	1	0	27
19	Which is a good	MC	26	N/A	0	0	0	0	0	0	0	0	0	0	26	0	1	0	25
20	¿Cómo se dice "the	SA	27	N/A	0	0	0	0	0	0	0	0	0	0	27	0	1	0	26
21	Yo le dije al médico que	FIB	27	N/A	0	0	0	0	0	0	0	0	0	0	27	0	1	0	26

Report has both a Summary view and a Detailed view. The quiz questions are sorted by most problematic questions first.

Report may show top students based on test results- grades.

Quiz Question Statistics (Detailed Report)

Quiz Question Statistics

Hide Filters Run Report Done

Report Filters

Roles

Select Values Clear Values

Student

Student 2

Quiz

Examen 4-Viajemos

Report Type

Detailed

Consider Sections in Detailed Report

No

Run Report

Report Description

Quiz Question Statistics
 Tue Jun 28 21:11:55 EDT 2016
 Data Current as of: Tue Jun 28 21:00:09 EDT 2016

Page 3 of 5

#	Question Name	Question Type	# Answered	Final Score Correlation	Incorrect				Partially Correct				Correct						
					#	0%	25%	50%	75%	#	0%	25%	50%	75%	#	0%	25%	50%	75%
15	Yo _____ (beber) jugo	FIB	28	0.05	1	0	0	0	1	0	0	0	0	0	27	0	1	0	26

Question: Fill in the blank using the correct conjugation of the conditional tense. ¡No olvides los acentos!
 Yo _____ (beber) jugo de naranja pero no hay en el refrigerador.

Top 5 Questions Answered Incorrectly with this Question

#	Question	Proportion
1	¿Cómo se dice "the handbag" en español?	4 %

#	Question Name	Question Type	# Answered	Final Score Correlation	Incorrect				Partially Correct				Correct					
					#	0%	25%	50%	75%	#	0%	25%	50%	75%	#	0%	25%	50%
16	Which is the correct	MC	25	N/A	0	0	0	0	0	0	0	0	0	25	0	1	0	24

Question: Which is the correct phrase for "I would eat"?

#	Answers	Correct Answer	User Response	Response Percentage
1	yo compraría	Incorrect	0	0.00 %
2	yo comería	Correct	25	100.00 %
3	yo compraré	Incorrect	0	0.00 %
4	yo comeré	Incorrect	0	0.00 %

#	Question Name	Question Type	# Answered	Final Score Correlation	Incorrect				Partially Correct				Correct					
					#	0%	25%	50%	75%	#	0%	25%	50%	75%	#	0%	25%	50%
17	Which verb is NOT an	MC	26	N/A	0	0	0	0	0	0	0	0	0	26	0	1	0	25

Question: Which verb is NOT an example of the conditional?

#	Answers	Correct Answer	User Response	Response Percentage
1	pondría	Incorrect	0	0.00 %
2	quisería	Correct	26	100.00 %
3	asistiría	Incorrect	0	0.00 %
4	estaría	Incorrect	0	0.00 %

Report may show issues with content or course design.

Academic Risk

Hide Filters

Run Report

Done

Report Filters

Risk Domain

Calculated Grade

Roles

Select Values

Clear Values

Student

Risk Threshold

32

Run Report

Report Description



Academic Risk

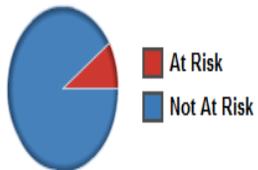
Tue Jun 28 17:19:42 EDT 2016

Organization: Georgia State Department of Education (georgia)

Risk Domain: Calculated Grade

Risk Threshold: 32

Spanish III AB - Summer 2016 -



Course Code: 201603_641_1

Semester: Summer 2016

At Risk Proportion: 3 / 32 users

Course Average:  83 %

Full Name	User Name	User Number	Role Name	Calculated Grade
[Blurred]	[Blurred]	1108415	Student	 0 %
[Blurred]	[Blurred]	1109028	Student	 16 %
[Blurred]	[Blurred]	1054753	Student	 0 %

Academic Risk

Grade Patterns (Large Format)

Grade Patterns (Large Format)

Hide Filters Run Report

Done

Report Filters

Roles

Select Values Clear Values

Student

Student 2

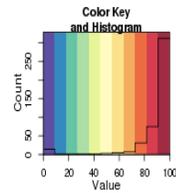
Run Report

Report Description



Grade Patterns (Large Format)

Percent grade for users on grade items.



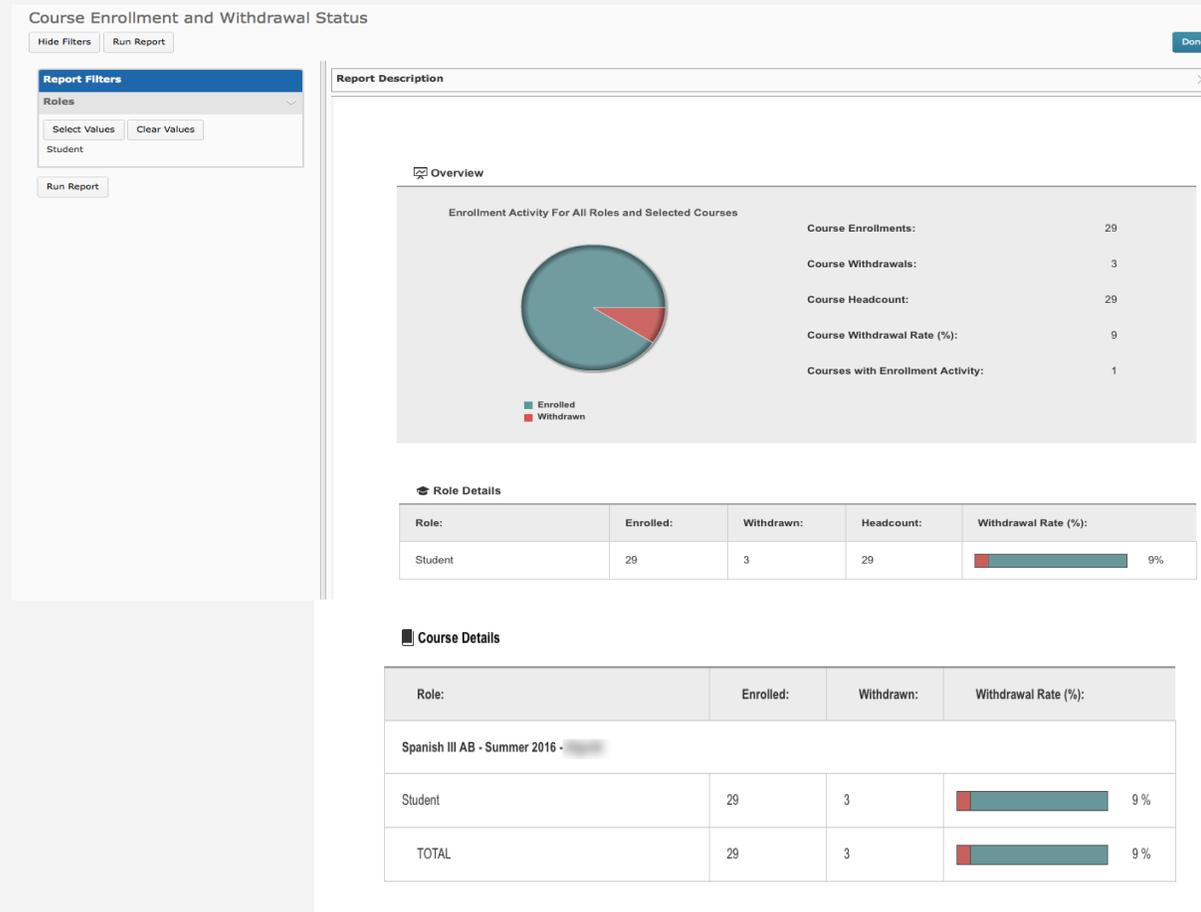
User Name

	100	100	100	100	100	100	95	100	100	100	100
	95	95	100	95	100	99	100	99	100	100	100
	100	90	100	100	90	98	100	100	100	95	100
	100	95	100	75	100	96	100	90	100	100	100
	75	95	100	100	100	96	100	85	100	100	100
	100	90	100	85	100	96	95	90	100	95	100
	90	95	100	100	100	97	95	99	99	95	100
	100	95	100	75	100	95	95	85	95	100	100
	100	90	88	95	100	95	100	80	100	95	100
	90	90	100	100	80	95	90	90	100	95	100
	85	90	70	100	100	95	90	100	95	100	100
	70	90	100	90	100	94	85	95	100	100	100
	70	95	100	80	90	93	90	90	100	100	100
	90	75	100	98	80	94	100	99	90	95	100
	80	95	100	100	90	93	95	95	95	90	85
	80	95	100	75	90	92	95	80	100	100	100
AR_P_ProjectAte											
D_X_ExamMoodle											
D_D_DiscussionDiverstnes											
FI_P_ProjectForum											
AR_X_ExamMoodle3											
Final Calculated Grade											
V_X_ExamMoodle4											
CL_P_ProjectCiudad											
VL_P_ProjectVejamos											
FI_X_ExamMoodle3											
VL_D_DiscussionVejamos											

Grade Item

A heatmap showing grade results as a percent for grade items in an org unit. This large format report is optimized for org units with greater than 30 enrollees.

Course Enrollment and Withdrawal Status



Report displaying current enrollment and withdrawal figures aggregated for each role and course offering.

Discussion Statistics (Discussion Tool)

Discussions List Group and Section Restrictions **Statistics** Settings Help

Export to CSV File

Users Forums and Topics

Org Unit Statistics

Total Threads (All Forums): 134
 Total Replies (All Forums): 232
 Unapproved Posts: 0

User Statistics

View By: Sections Sections: All Sections Apply

Search For: Show Search Options

Page: 1 of 2 20 per page

Last Name ▲, First Name	Number of Posts				
	Threads	Replies	Read (including own)	Unapproved	Scored
[Redacted]	5	6	31	0	0
[Redacted]	5	5	73	0	0
[Redacted]	4	5	50	0	0
[Redacted]	4	4	32	0	0
[Redacted]	7	5	30	0	0
[Redacted]	4	4	28	0	0
[Redacted]	6	4	54	0	0
[Redacted]	4	5	35	0	0

User Discussion Statistics

Name: [Redacted]
 Role: Student
 Email: [Redacted]@spirit@school.org
 Last Login: Jun 18, 2016 10:21 PM
 Section Membership: 6 Week Sec 1 Spanish III AB - 201603

Total Threads (All Users): 134
 Total Replies (All Users): 232

Forum/Topic Title	Total Threads	Total Replies	Number of Posts			Post Ratings				
			Threads	Replies	Read (including own)	Unapproved	Scored	Up	Down	Star
Read Before You Get Started	0	0	0	0	0	0	0			
RULES APPLY TO ALL DISCUSSIONS	0	0	0	0	0	0	0			
Discusión-Introducción	41	47	3	2	5	0	0			
Discusión-Introducción	41	47	3	2	14	0	0			
Discusión-La Ciudad	28	58	1	1	2	0	0			
Discusión-La Ciudad	28	58	1	1	4	0	0			
Discusión-Viajes!	30	67	2	1	3	0	0			
Discusión-Viajes!	30	67	2	1	7	0	0			
Discusión-Las Diversiones	31	53	1	1	2	0	0			
Discusión-Las Diversiones	31	53	1	1	5	0	0			
Discusión-Los Pasatiempos	4	7	0	0	0	0	0			
Discusión-Los Pasatiempos	4	7	0	0	0	0	0			
Discusión-En el Restaurante	0	0	0	0	0	0	0			
Discusión-En el Restaurante	0	0	0	0	0	0	0			

Class Overview, Individual Student

Rubric Achievements

Rubric Achievements

Hide Filters Run Report Done

Report Filters

Roles

Select Values Clear Values

Student
Student 2

Rubric

Aqua Prepositions Cartoon Project Rubric

User

Select Values Clear Values

Report Description

Organization: Georgia State Department of Education
Org Unit: Latin I AB - Summer 2016 - [REDACTED]
Rubric Name: Aqua Prepositions Cartoon Project Rubric
Rubric Description: No Description
Rubric Type: Analytic
Rubric Scoring Method: Text And Points
Rubric State: Available
Activity Name: Aqua: Aqua Prepositions Cartoon Project
Activity Type: Dropbox

Full Name	Username	Org Defined Id	Role	Level Achieved	Points	Assessor Full Name	Last Modified Date
[REDACTED]	[REDACTED]	1110371	Student	Level 2	95	[REDACTED]	16-Jun-2016 11:15:25
[REDACTED]	[REDACTED]	1111592	Student	Level 2	96	[REDACTED]	17-Jun-2016 12:29:04
[REDACTED]	[REDACTED]	1096672	Student	Level 1	56	[REDACTED]	18-Jun-2016 12:02:16
[REDACTED]	[REDACTED]	1110866	Student	Level 2	78	[REDACTED]	20-Jun-2016 11:26:33
[REDACTED]	[REDACTED]	1112474	Student	Level 2	90	[REDACTED]	18-Jun-2016 11:58:23
[REDACTED]	[REDACTED]	1110089	Student	Level 2	89	[REDACTED]	16-Jun-2016 11:26:53
[REDACTED]	[REDACTED]	1107104	Student	Level 2	99	[REDACTED]	16-Jun-2016 11:22:14
[REDACTED]	[REDACTED]	1044894	Student	Level 1	46	[REDACTED]	15-Jun-2016 13:31:27
[REDACTED]	[REDACTED]	1111811	Student	Level 2	98	[REDACTED]	16-Jun-2016 11:24:51
[REDACTED]	[REDACTED]	1109342	Student	Level 2	100	[REDACTED]	18-Jun-2016 11:56:45
[REDACTED]	[REDACTED]	1044975	Student	Level 2	97	[REDACTED]	16-Jun-2016 11:19:21
[REDACTED]	[REDACTED]	1112936	Student	Level 2	99	[REDACTED]	16-Jun-2016 11:16:55

A comprehensive analysis of the structure of rubrics and achievement rates of their associated activities over time.

Course Overview Widget

Course Overview | ▾

Class Engagement

[View Class Engagement](#)

Course Access

1 user visited this course today.



[View Course Access](#)

Tool Access

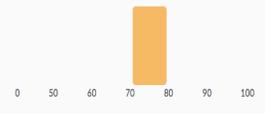
No quizzes have been submitted today.

[View Tool Access](#)

Class Engagement

No students have visited this course.

Grade Distribution



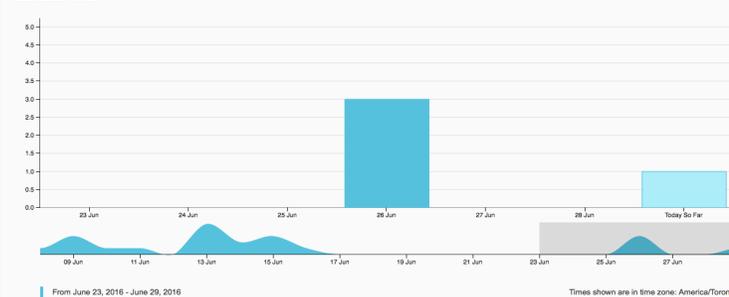
[Email Class](#)

Name	Current grade	Last visited	Discussions
Test, Johnny johnnytest - 3587	73%	Course not accessed	0 Threads, 0 Replies
Test, Johnny J_Test - 1002116	77%	Course not accessed	1 Thread, 1 Reply

Course Access

Number of users who accessed "pls2014_practicecourse - Open House Demo Course" per day

Roles included: All Roles



From June 23, 2016 - June 29, 2016

4

users currently accessed

[Export to XLSX](#) [Export to CSV](#)

Start Date

06/23/2016

End Date

06/29/2016

Role

All Roles

Blended Admin

DOE/Special Visitor

Department Chair

Dev Spec

GAVS Administrator

Instructional Leader

Reviewer

Student

Super Administrator

StudentAdmin

WebService

Unknown Roles

Times shown are in time zone: America/Toronto

Tool Access - Course Report

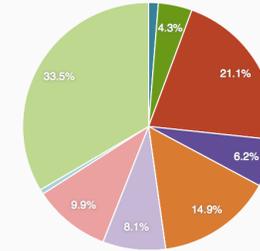
Interactions per tool for Open House Demo Course - pls2014_practicecourse

Roles included: All Roles
June 1, 2016 - June 29, 2016

[Export to XLSX](#) [Export to CSV](#)

Time Span

Last 12 months



Role

All Roles

Super Administrator

SuperAdmin

Instructional Leader

GAVS Administrator

Department Chair

Student

DOE/Special Visitor

Dev Spec

Reviewer

WebService

Blended Admin

Tool	Percent view	Total views (last 12 months)
Dev	1.2%	2
Discussions	4.3%	7
Discussions	21.1%	34
Quizzes	14.9%	10
Quizzes	14.9%	34
Quizzes	14.9%	13
Quizzes	14.9%	18
User Progress	0.0%	1
Homepages	33.5%	54

Data measured using OpenWeb Analytics (OWA)

Fast access to 3 reports:
Class Engagement,
Course Access,
Tool Usage

Benefits of Brightspace Tools (Summary)

- Tool within LMS
- Data shows correlation, strength, weakness of course, of instruction, and effect on student mastery.
- Time-saver
- Reports - interactive
- Reports - not static, fluid
- Reports show specific roles and specific time range
- Reports drill down and show individual participants engagement in course.

What's Coming Next?

Big Data



Questions?

- Lynne.Whitley@gavirtualschool.org
- Sharon.synan@gavirtualschool.org