Best Practices: Using Data in a Hybrid AOI to Produce Academic Success

- Steve Durand, Executive Director
- EOPA/EOHSLC

Our Mission Is To Help Every Student Graduate.

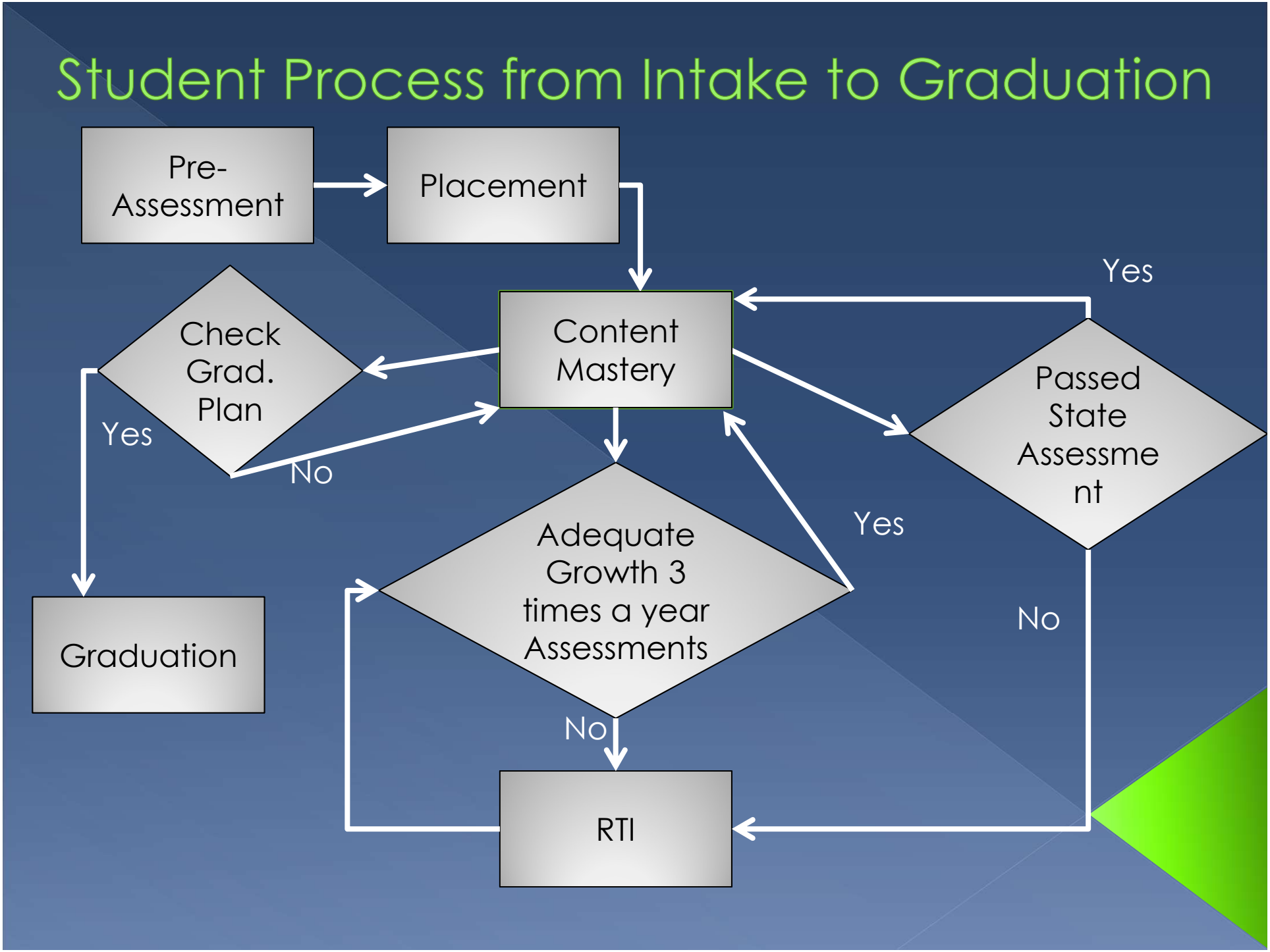
Using Data To Ensure Student Success

- Earn the required credits to Graduate
- Pass AzMerit Tests
- Prepare to transition to college, workforce, or technical program.

The Process

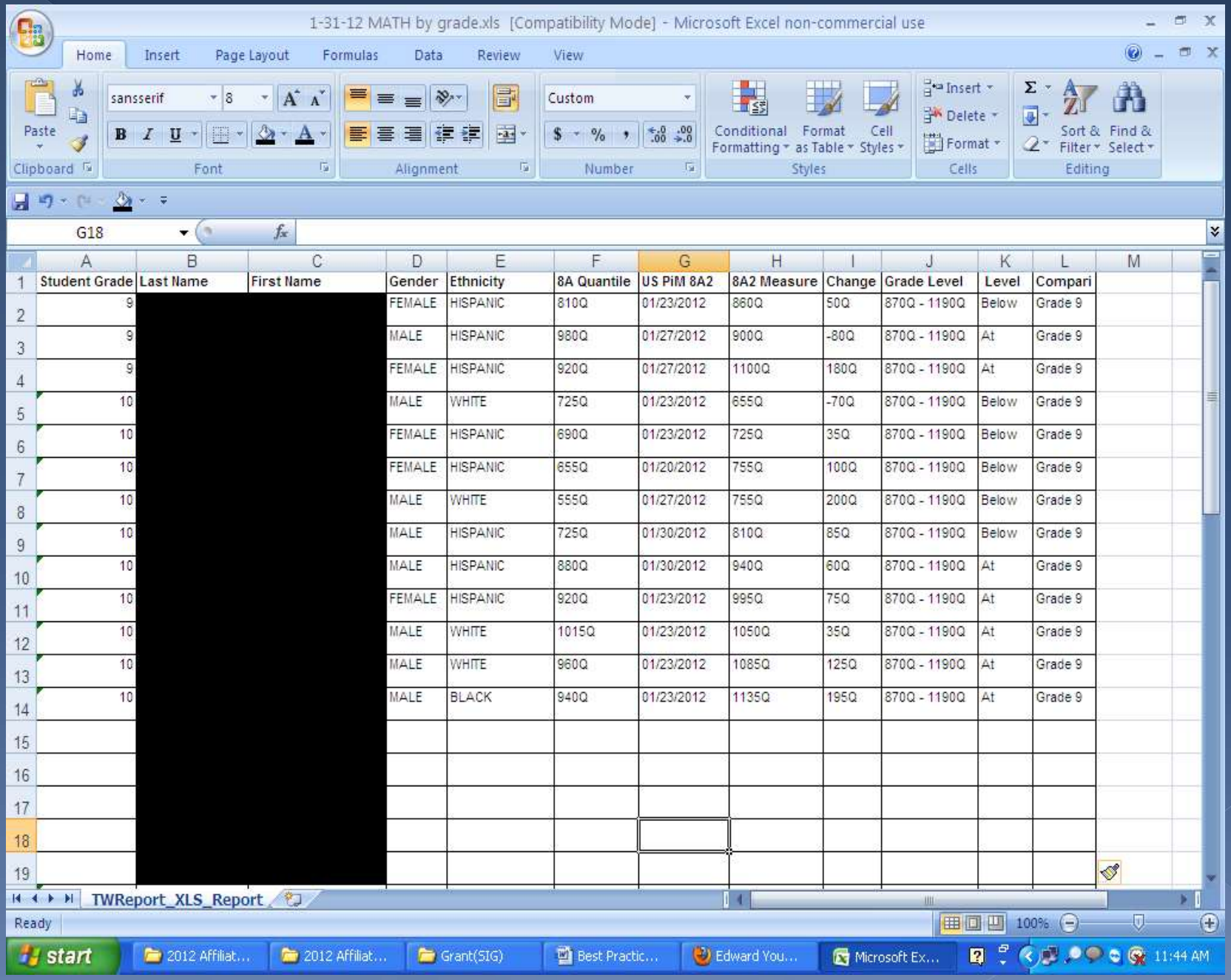
- Assess Student Academic Level
- Placement into Proper Course by Academic Level instead of Cohort
- Content Monitoring with- Participation, Performance, Pace (P3). Finish Courses with Content Mastery
- Quarterly reassess for overall Student Progress
- Response to Intervention (RTI)
- Graduate High School

Student Process from Intake to Graduation



Pre-Assess Student Academic Level at time of Intake

1. Administer Lexile/Quantile Assessment Test to Determine Student Knowledge Level
   - Example is SI Bench Test or TABE (we use SI Bench Test)
2. Review Transcript to assess past performance (P3)
3. Review AzMerit test results data Triangle
   - AzMerit Prep Software and Small group learning.



Student Grade	Last Name	First Name	Gender	Ethnicity	8A Quantile	US PiM 8A2	8A2 Measure	Change	Grade Level	Level	Compari
9	[redacted]		FEMALE	HISPANIC	810Q	01/23/2012	860Q	50Q	870Q - 1190Q	Below	Grade 9
9			MALE	HISPANIC	980Q	01/27/2012	900Q	-80Q	870Q - 1190Q	At	Grade 9
9			FEMALE	HISPANIC	920Q	01/27/2012	1100Q	180Q	870Q - 1190Q	At	Grade 9
10			MALE	WHITE	725Q	01/23/2012	655Q	-70Q	870Q - 1190Q	Below	Grade 9
10			FEMALE	HISPANIC	690Q	01/23/2012	725Q	35Q	870Q - 1190Q	Below	Grade 9
10			FEMALE	HISPANIC	655Q	01/20/2012	755Q	100Q	870Q - 1190Q	Below	Grade 9
10			MALE	WHITE	555Q	01/27/2012	755Q	200Q	870Q - 1190Q	Below	Grade 9
10			MALE	HISPANIC	725Q	01/30/2012	810Q	85Q	870Q - 1190Q	Below	Grade 9
10			MALE	HISPANIC	880Q	01/30/2012	940Q	60Q	870Q - 1190Q	At	Grade 9
10			FEMALE	HISPANIC	920Q	01/23/2012	995Q	75Q	870Q - 1190Q	At	Grade 9
10			MALE	WHITE	1015Q	01/23/2012	1050Q	35Q	870Q - 1190Q	At	Grade 9
10			MALE	WHITE	960Q	01/23/2012	1085Q	125Q	870Q - 1190Q	At	Grade 9
10			MALE	BLACK	940Q	01/23/2012	1135Q	195Q	870Q - 1190Q	At	Grade 9

Placement

- Place students in Skills Development
- Place students in AzMerit Prep
- Place students in a Foundational Skills class such as Reading essentials or fundamental math.(Elective Level)
- Determine initial level of AOI time spent at the school/learning center and amount of time spent at home

Review Assessments and place students into any RTI that has been identified during intake.

We place students in courses that are aligned to their academic level not just their cohort.

Content

- Place Students in Core Course with a Pre-Assessment and Post-Assessment tests to further track Student Growth.
- Provide an easy online monitoring tool to allow all stake holders to easily find and review student progress daily.(P3)
- Focus Students and Teachers on Mastery not short term completion of work.
- Mastery must not be simply be able to answer on the daily quiz but can they retain the knowledge and demonstrate mastery on both the Final exam and the Post Assessment test.

P3: Keys to Student Success

- P3 is our over-arching guide to tracking student progress
  - Participation (Attendance/ Hrs of Work)
  - Performance (Grades and Growth in all Academic Tests)
  - Pace (Ensuring students are making adequate progress towards Graduation)

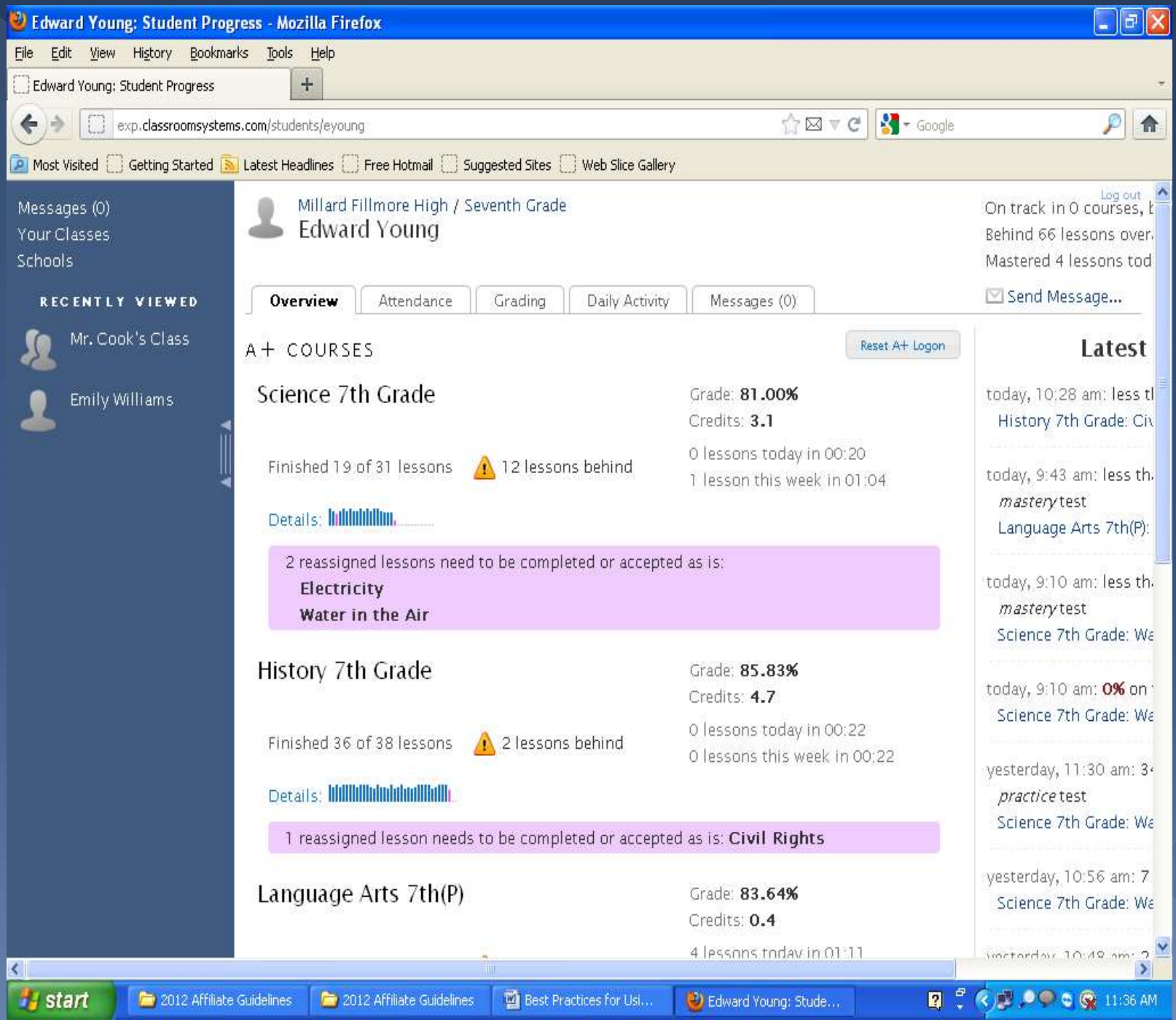
We Monitor P3 For each Student while in their courses. To do this you will need a good monitoring/ communication tool. One we like is the Connector.

Participation (Attendance)

Our School AOI program runs 24 hours a day, seven days a week, 365 days per year. Full-time online students are required to clock a minimum of thirty (30) hours per week while enrolled in the program. This is required for every week the student is enrolled, regardless of holidays. Time sheets are submitted weekly by the student. Timesheets will be provided. It is very important that each student understand that the timesheets are considered attendance, and the information is submitted to the state for attendance purposes.

Expectations

- Students will be engaged in school work to meet schools expectation of a minimum number of hours per week.
- Students will maintain a daily log of their work on a weekly log sheet.
- Weekly log sheets will be turned in weekly.
- Students will attend all scheduled labs and tests.
- Students will conduct themselves in a respectful manner at all times.
- Students will maintain contact their teacher or lab manager so any questions or issues can be resolved quickly.
- Students will be monitored daily by staff to follow Participation.

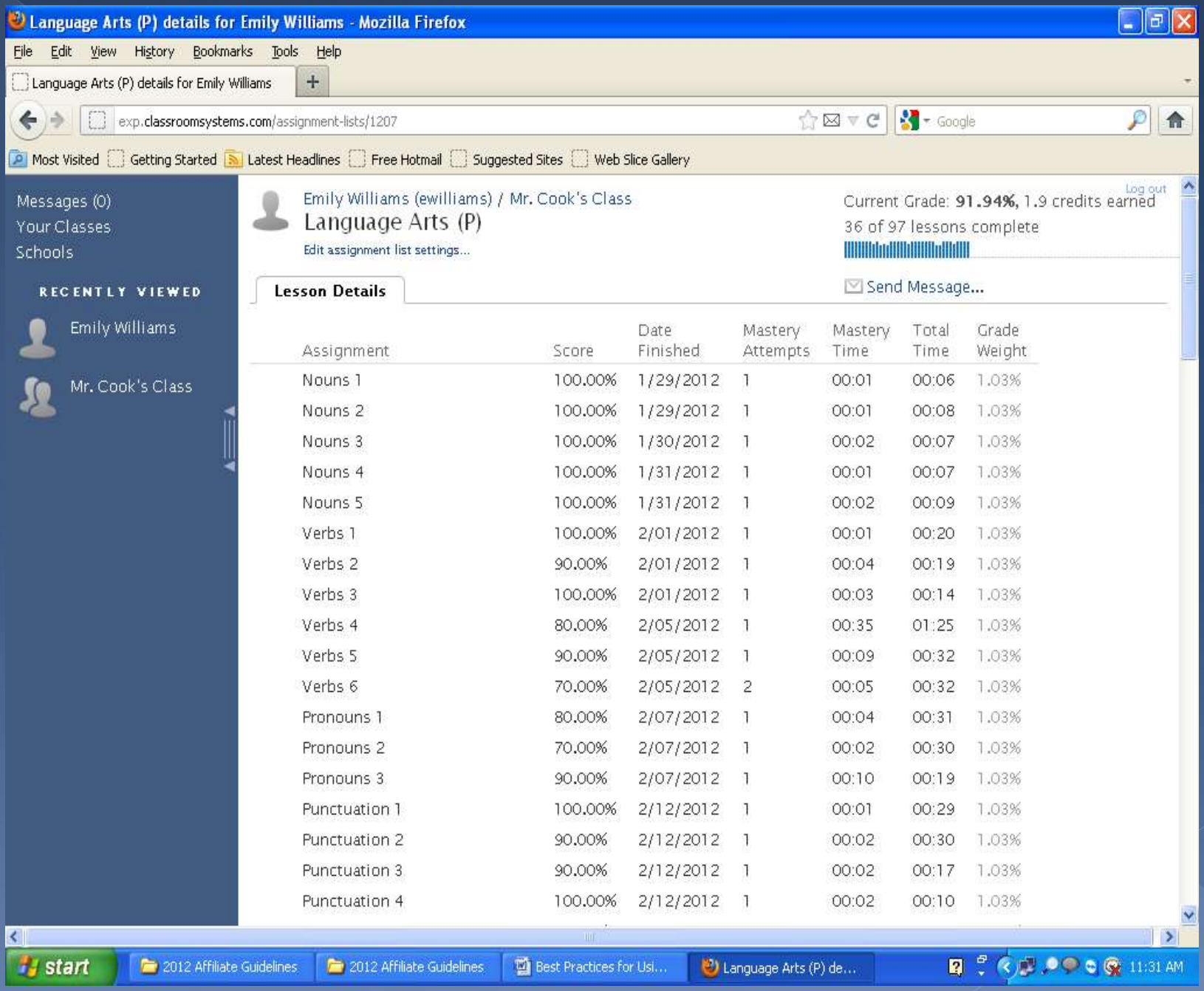

Edward Young: Student Progress - Mozilla Firefox
File Edit View History Bookmarks Tools Help
Edward Young: Student Progress
exp.classroomsystems.com/students/eyoung
Most Visited Getting Started Latest Headlines Free Hotmail Suggested Sites Web Slice Gallery
Messages (0)
Your Classes
Schools
RECENTLY VIEWED
Mr. Cook's Class
Emily Williams
Millard Fillmore High / Seventh Grade
Edward Young
Log out
On track in 0 courses, b
Behind 66 lessons over.
Mastered 4 lessons tod
Send Message...
Overview
Attendance
Grading
Daily Activity
Messages (0)
A+ COURSES
Reset A+ Logon
Science 7th Grade
Grade: 81.00%
Credits: 3.1
Finished 19 of 31 lessons
12 lessons behind
0 lessons today in 00:20
1 lesson this week in 01:04
Details:
2 reassigned lessons need to be completed or accepted as is:
Electricity
Water in the Air
History 7th Grade
Grade: 85.83%
Credits: 4.7
Finished 36 of 38 lessons
2 lessons behind
0 lessons today in 00:22
0 lessons this week in 00:22
Details:
1 reassigned lesson needs to be completed or accepted as is: Civil Rights
Language Arts 7th(P)
Grade: 83.64%
Credits: 0.4
4 lessons today in 01:11
Latest
today, 10:28 am: less tl
History 7th Grade: Civ
today, 9:43 am: less th.
mastery test
Language Arts 7th(P):
today, 9:10 am: less th.
mastery test
Science 7th Grade: We
today, 9:10 am: 0% on
Science 7th Grade: We
yesterday, 11:30 am: 3
practice test
Science 7th Grade: We
yesterday, 10:56 am: 7
Science 7th Grade: We
start
2012 Affiliate Guidelines
2012 Affiliate Guidelines
Best Practices for Usi...
Edward Young: Stude...
11:36 AM

Performance (Grades)

Each course offered by our online school generally contains lessons, review tests and a cumulative final exam. Students are required to complete the lessons and tests in order and mastery is required. RTI outside of primary CDS may be required if teacher deems necessary. If a student works past the midterm, the teacher will remind them to take their midterm assessment. Students are required to attain minimum school performance levels on submissions, midterm exam, and cumulative final exam.

Expectations

- Students will complete the lessons and submissions in order.
- RTI outside of primary CDS may be required if teacher deems necessary.
- Students are required to take the midterm and final exam when they reach it. Contact your teacher 24 hours in advance to have the midterm opened.
- Students must score a minimum of 70% on submissions. Midterms and final exams must be taken in the lab and proctored by an approved staff member.
- Students will show adequate growth in Knowledge at the end of course. (Core Assessment A to Assessment B)
- Teachers will keep grading current so that all stakeholders can see an accurate picture of a Students performance.

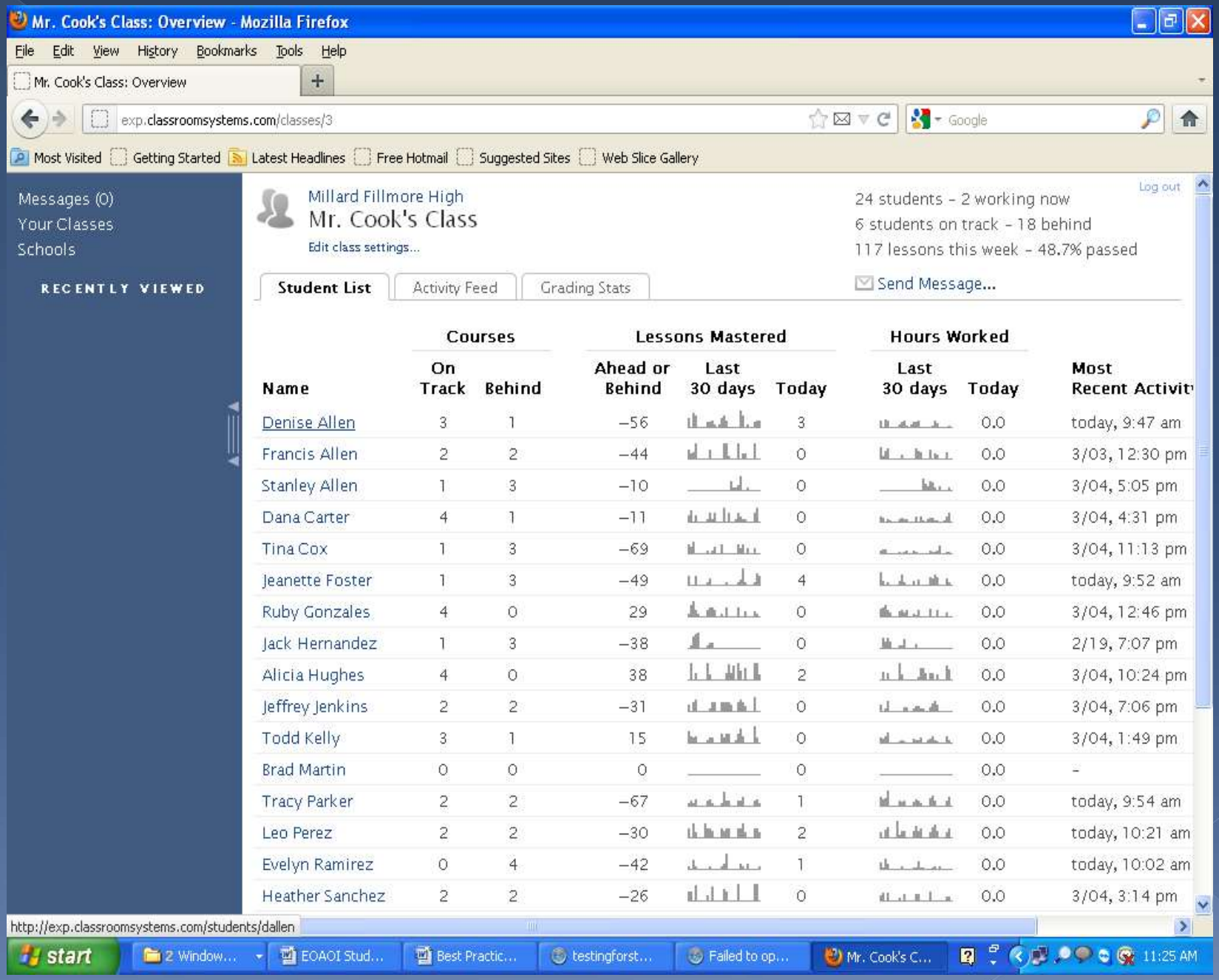

Language Arts (P) details for Emily Williams - Mozilla Firefox
File Edit View History Bookmarks Tools Help
Language Arts (P) details for Emily Williams
exp.classroomsystems.com/assignment-lists/1207
Most Visited Getting Started Latest Headlines Free Hotmail Suggested Sites Web Slice Gallery
Messages (0)
Your Classes
Schools
RECENTLY VIEWED
Emily Williams
Mr. Cook's Class
Emily Williams (ewilliams) / Mr. Cook's Class
Language Arts (P)
Edit assignment list settings...
Log out
Current Grade: 91.94%, 1.9 credits earned
36 of 97 lessons complete
Send Message...
Lesson Details
Assignment Score Date Finished Mastery Attempts Mastery Time Total Time Grade Weight
Nouns 1 100.00% 1/29/2012 1 00:01 00:06 1.03%
Nouns 2 100.00% 1/29/2012 1 00:01 00:08 1.03%
Nouns 3 100.00% 1/30/2012 1 00:02 00:07 1.03%
Nouns 4 100.00% 1/31/2012 1 00:01 00:07 1.03%
Nouns 5 100.00% 1/31/2012 1 00:02 00:09 1.03%
Verbs 1 100.00% 2/01/2012 1 00:01 00:20 1.03%
Verbs 2 90.00% 2/01/2012 1 00:04 00:19 1.03%
Verbs 3 100.00% 2/01/2012 1 00:03 00:14 1.03%
Verbs 4 80.00% 2/05/2012 1 00:35 01:25 1.03%
Verbs 5 90.00% 2/05/2012 1 00:09 00:32 1.03%
Verbs 6 70.00% 2/05/2012 2 00:05 00:32 1.03%
Pronouns 1 80.00% 2/07/2012 1 00:04 00:31 1.03%
Pronouns 2 70.00% 2/07/2012 1 00:02 00:30 1.03%
Pronouns 3 90.00% 2/07/2012 1 00:10 00:19 1.03%
Punctuation 1 100.00% 2/12/2012 1 00:01 00:29 1.03%
Punctuation 2 90.00% 2/12/2012 1 00:02 00:30 1.03%
Punctuation 3 90.00% 2/12/2012 1 00:02 00:17 1.03%
Punctuation 4 100.00% 2/12/2012 1 00:02 00:10 1.03%
start
2012 Affiliate Guidelines
2012 Affiliate Guidelines
Best Practices for Usi...
Language Arts (P) de...
11:31 AM

Pace (Progress)

Students are expected to make adequate progress toward completion of their courses and eventual graduation from high school. Teachers will monitor weekly progress and participation to ensure students are logging in and submitting required lesson submission regularly.

Expectations

- Students will work on two classes at a time.
- Students will complete both classes in 6 weeks.
- Students that have not passed one or more sections of the AIMS test will be required to complete a minimum of one hour of AzMerit Prep per day.
- Staff must continually communicate with their students and stakeholders' about student progress and any issues that might affect their pace. Communication can synchronous or asynchronous, but must be two way communication.


Mr. Cook's Class: Overview - Mozilla Firefox
File Edit View History Bookmarks Tools Help
Mr. Cook's Class: Overview
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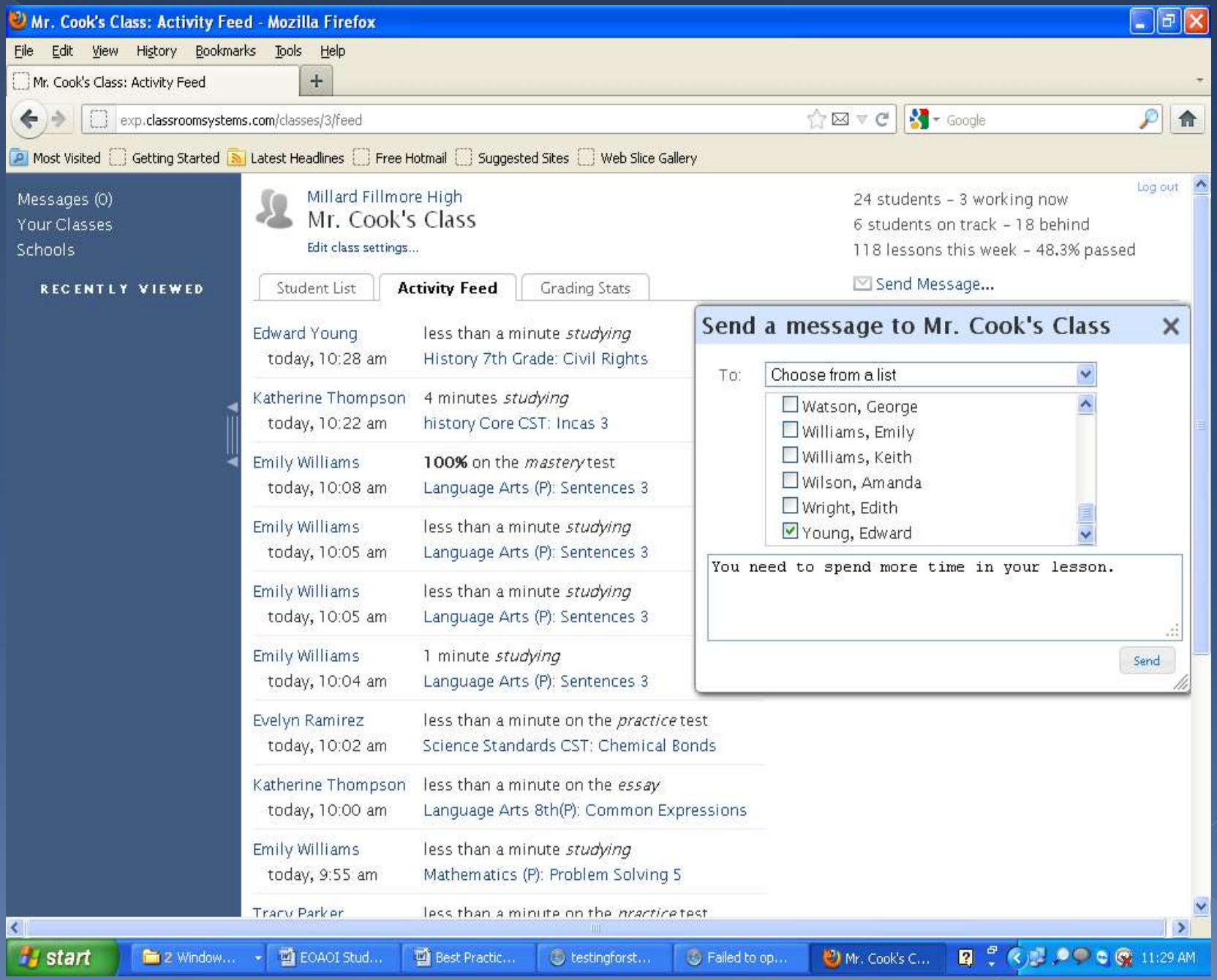
Most Visited Getting Started Latest Headlines Free Hotmail Suggested Sites Web Slice Gallery
Messages (0)
Your Classes
Schools
RECENTLY VIEWED
Millard Fillmore High
Mr. Cook's Class
Edit class settings...
Log out
24 students - 2 working now
6 students on track - 18 behind
117 lessons this week - 48.7% passed
Send Message...
Student List
Activity Feed
Grading Stats
Courses
Lessons Mastered
Hours Worked
Name
On Track
Behind
Ahead or Behind
Last 30 days
Today
Last 30 days
Today
Most Recent Activit
Denise Allen 3 1 −56 3 0.0 today, 9:47 am
Francis Allen 2 2 −44 0 0.0 3/03, 12:30 pm
Stanley Allen 1 3 −10 0 0.0 3/04, 5:05 pm
Dana Carter 4 1 −11 0 0.0 3/04, 4:31 pm
Tina Cox 1 3 −69 0 0.0 3/04, 11:13 pm
Jeanette Foster 1 3 −49 4 0.0 today, 9:52 am
Ruby Gonzales 4 0 29 0 0.0 3/04, 12:46 pm
Jack Hernandez 1 3 −38 0 0.0 2/19, 7:07 pm
Alicia Hughes 4 0 38 2 0.0 3/04, 10:24 pm
Jeffrey Jenkins 2 2 −31 0 0.0 3/04, 7:06 pm
Todd Kelly 3 1 15 0 0.0 3/04, 1:49 pm
Brad Martin 0 0 0 0 0.0 -
Tracy Parker 2 2 −67 1 0.0 today, 9:54 am
Leo Perez 2 2 −30 2 0.0 today, 10:21 am
Evelyn Ramirez 0 4 −42 1 0.0 today, 10:02 am
Heather Sanchez 2 2 −26 0 0.0 3/04, 3:14 pm
http://exp.classroomsystems.com/students/dallen
start
2 Window...
EOAOI Stud...
Best Practic...
testingforst...
Failed to op...
Mr. Cook's C...
11:25 AM


Mr. Cook's Class: Activity Feed - Mozilla Firefox
File Edit View History Bookmarks Tools Help
Mr. Cook's Class: Activity Feed
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Most Visited Getting Started Latest Headlines Free Hotmail Suggested Sites Web Slice Gallery
Messages (0)
Your Classes
Schools
RECENTLY VIEWED
Millard Fillmore High
Mr. Cook's Class
Edit class settings...
Log out
24 students - 3 working now
6 students on track - 18 behind
118 lessons this week - 48.3% passed
Send Message...
Student List
Activity Feed
Grading Stats
Edward Young today, 10:28 am less than a minute studying History 7th Grade: Civil Rights
Katherine Thompson today, 10:22 am 4 minutes studying history Core CST: Incas 3
Emily Williams today, 10:08 am 100% on the mastery test Language Arts (P): Sentences 3
Emily Williams today, 10:05 am less than a minute studying Language Arts (P): Sentences 3
Emily Williams today, 10:05 am less than a minute studying Language Arts (P): Sentences 3
Emily Williams today, 10:04 am 1 minute studying Language Arts (P): Sentences 3
Evelyn Ramirez today, 10:02 am less than a minute on the practice test Science Standards CST: Chemical Bonds
Katherine Thompson today, 10:00 am less than a minute on the essay Language Arts 8th(P): Common Expressions
Emily Williams today, 9:55 am less than a minute studying Mathematics (P): Problem Solving 5
Tracy Parker less than a minute on the practice test
Send a message to Mr. Cook's Class
To: Choose from a list
Watson, George
Williams, Emily
Williams, Keith
Wilson, Amanda
Wright, Edith
Young, Edward
You need to spend more time in your lesson.
Send
start
2 Window...
EOAOI Stud...
Best Practic...
testingforst...
Failed to op...
Mr. Cook's C...
11:29 AM

Quarterly Assessment

- Quarterly Data from AzMerit test shows us over all growth in student knowledge.
- If Students are not achieving adequate academic growth then student will receive additional tutoring or remedial content to improve growth.

D	E	F	G	H	I	J	K	L	M
	Pre A	Post B	SI Bench 1	SI Bench 2	SI Bench 3	AzMerit Fall	AzMerit Spring	Si Pre SAT	SAT
:OHS-T2ON-Maher	31		50%						
:OHS-T2ON-Maher	41		46%						
:OPA-T1AS-Maher	26	32							
:OHS-T2ON-Maher	34	77							
:OPA-T2ON-Maher	32	68							
:OPA-T2ON-Maher	31	39	46%						
:OHS-T1AS-Maher	37								
:OHS-T6JJ-Maher	68	77	73%						
:OHS-T5AM-Maher	90		40%						
:OHS-T1AS-Maher	31	77							
:OHS-T6JJ-Maher	72	72							
:OHS-T1AS-Maher	21		30%						
:OHS-T5AM-Maher	63		50%						
:OHS-T6JJ-Maher	57	73							
:OPA-T3DJ-Maher	30		33%						
:OHS-T2ON-Maher	0								
:OHS-T5AM-Maher	33	46							
:OHS-T2ON-Maher	57	77	46%						
:OHS-T1AS-Maher	60								
:OHS-T1AS-Maher	48	59							
:OHS-T1AS-Maher	30	55							
:OHS-T6JJ-Maher	36	44							
:OPA-T1AS-Maher	30		46%						

Data is the tool that determines all decisions that we as staff make from intake to graduation.

RTI – Data

- Daily Data helps us to make choices on whether a student in making adequate academic progress within their CDS.
- Weekly Data helps us determine the level of RTI required for each student both for CDS and AzMerit.
- Six week Data shows us Growth in Student Core learning.
- AzMert/SAT prep test shows us over all growth in student knowledge.

Graduation

We believe that to ensure student success and improve Graduation rates, data monitoring must be an essential part of every staff member's job.

If you have any questions contact:

Steve Durand
(623) 204-4700