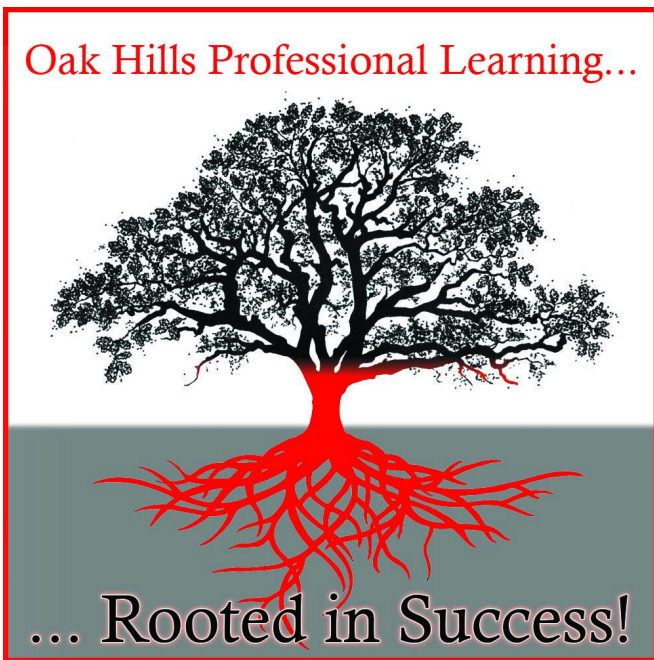


5th Grade Math Professional Learning Agendas



Agenda for Date:
August 10th
August 11th
September 22nd
October 16th - building
November 7th
January 3rd
February 16th
March 12th
May 23rd

[K-2 Math Revision Timeline](#)

[3-8 Math Revision Timeline](#)

[K-5 Math Creation Teams](#)

[Math Revision Process](#) (universal)

To Do - Revision process

- Add creation dates to To Do and Gmail calendar (manila folder)
- Create Creation Teams contact list(s) in email
- Call building principals to review timelines and creation teams — Call Candice first for ELA perspective
 - Send email to ES Admin (saved in drafts)
 - ~~JFD — Grace Davis for Creation team — Candice touch base~~
 - ~~DEL — Megan Landon to serve on Creation team — Tara touch base~~
- [Email](#) creation teams after speaking with building principals (saved in drafts)
- Revise Feb 16th agenda (see below) and fill in location
- Email Kelly Wegener with plan/feedback
- Email all math teachers the timeline and building recommendation forms
 - Separate emails for K-2 and 3-5 for different timelines (both saved in drafts)
 - Put another date to remind K-2 on To Do then erase this
 - Date to send = Friday 1/19/18
- Send email to creation team that they can put in for full day sub for Mar 6th
- Create a 3rd, 4th agenda (Project room A, MC office, Assistant Principal office)
- K-2 agendas make note they are with ELA on top page
- Update OHLSD Logistics doc
- Feb 2nd — remind math teachers
- Feb 12th — email K-2 Math Creation team with agenda & logistics about March 6th
- Feb 21 - Send email to K-2 teachers to remind about recommendation form

5th Grade Math Professional Learning Agendas

Professional Learning Planning Template & PDU Approval



Program Title	5th Grade Math Professional Learning Agendas		
Date	May 23, 2018	Specific Time	8:00-3:30
Contact Hours	6.5		
Location	OAK 412		
+PL Group	5th grade math teachers		

Instruction/Presentation given by:

Matt Page/Math Teachers

Learning goals/objectives (aligned with the District mission/AIM):

- Teachers will revise map and common assessment for 2018-19
- Teachers will review revisions to 1st and 2nd quarter maps and common assessment

Putting it into Practice (What is the expectation for how participants will use this information beyond this day in their work?):

- Teachers will use revised curriculum maps and common assessments for the 2018-19 school year.
- Teachers will administer the AIR assessments

Agenda (please include below or attach):

Revise 3rd & 4th Quarter Maps, Blueprints, Common Assessments

- [Math Revision Process](#) (access to maps, blueprints, common assessments)
 - Use Measured Progress Notes Below to guide process

Review of 3rd and 4th Quarter Revised Maps, Blueprints, and Common Assessments

- Creation teams present their revised maps and assessments of 3rd and 4th quarters for approval from all teachers - [Math Revision Process](#) (access to maps, blueprints, common assessments)
 - Use Measured Progress Notes Below
 - ALL math teachers sign-off [here](#)
 - Link all common assessments from Edulastic [HERE](#)

Collaboration Time - Menu of Items

- Discuss and find materials for intervention/enrichment
- Find online assessment tools since TenMarks is shutting down
- Grade level discussion on what worked well this year, what to improve on, etc.
- Share Edulastic tools and knowledge for the math classroom

5th Grade Math Professional Learning Agendas

- Share Project based learning ideas for the math classroom
- Make a swap of hands on manipulatives.. Bring materials from the closets and provide for others who need it.
- Bring one lesson or game to share for first unit of next year
- Design an interactive process/agenda to examine common assessment data as a grade level team which facilitates professional learning . Here are some things to think about when designing an agenda:
 - What is the key data to be examined? (average, broken down by question, standards, item analysis, etc.)
 - What reports are needed in Edulastic to manufacture the data to be examined?
 - How does each teacher organize their data? Do we have a common template? Can't be too complex!
 - What are the essential questions that guide this process to encourage professional learning amongst colleagues?
 - Do we work as 1 grade level team or multiple teams and share out periodically during the meeting?
 - Who leads this process? Roles?
 - How do we help each other with next steps?

* When designing the agenda go step by step in a logical progression order. Link in the document here and share with me.

[PL Feedback Form](#)

Measured Progress [Webinar](#) Notes

1. Introduction

Notes:

4 - Exemplary - perfect - would be asking for assessments to share

3 - Adequate - no major flaws, would not provide invalid feedback - 3 is a good score

2 Partial - may have a fatal flaw. Usually a piece missing

1 - Insufficient - several errors, wrong answer, etc

Review process - student - content - bullet points (also an editor), bias, sensitivity, scoring materials (rubrics, performance descriptors), Test Design - item design, item count, questions per standard, types of questions (mc, performance, etc) key runs (multiple questions with the same answer)

2. [Rubric review](#) by grade level

a. Item Alignment to Standards - [blueprints](#)

Notes:

- Start with a blueprint - how many points per standards
- Want some DOK 3 questions but fewer items
- Weeks 14-19 (all DOK 1 and DOK 2)
- Weeks 7-11 (do more NBT 5, lots of NBT7)

3. Individual Test Items

a. [Fractions](#)

Notes - overall very nice assessment

Q1 - likes the TEI, readjust the wording

Q5 - better distractors of 7/12

Q7 - likes drag and drop but move everything. Divide symbol or back slash

Q12 - $\frac{3}{4}$ would be nice distractor

Q15 - Both questions separately are good. Write part A as an improper fraction

b. [Multiplying](#)

Notes

5th Grade Math Professional Learning Agendas

Q2 - Have more than 4 choices so it stands out - so students know to Select All. Bold face the word "All". Grades 3-5 usually use "Select the 2 options" - gives the specific number to select

Q4 - Confused on how student was supposed to divide. "Up to 14 teams" would up the DOK level

Q5 - Good way to evaluate this standard. Use same terminology - equal or equivalent

Takeaways/Where to go from here

- For each point plan about 2 minutes
- Possibly have less items, more DOK 3
- Balance of TEI, MC, Constructed response
- Standards
- DOK levels - have mix of DOK 1, 2, and 3 (include a scaffolding piece)
- DOK 2 should be largest %, then DOK 1 and then DOK 3
- Align standards
- Nice to have someone else look at it
- In the future maybe just read notes
- Correct/edit other common assessments based on feedback from these 2 and then submit to Measured Progress for feedback

[PL Feedback Form](#)

Things to remember:

- ☐ Time planned for implementation with support (hands on work and practice), collaboration, and brainstorming with colleagues (if appropriate).
- ☐ Please remember to include break and lunch times.
- ☐ Time scheduled for feedback form at the end of the session.
- ☐ Coaches send Emily Buckley a synopsis of the material/PD day. (Pictures are always welcome, including first and last names of those in the pictures)
- ☐ Make sure your own template share/edit settings are to the appropriate audience.

Submitted by	Matt Page	Date	5-23-18
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OFFICE USE ONLY

PDU Approval: Yes/No _____

Number of PDU's: _____

Approved by: _____

Date: _____

Professional Learning Planning Template & PDU Approval

Oak Hills Professional Learning...



5th Grade Math Professional Learning Agendas

Program Title	5th Grade Math Professional Learning Agendas		
Date	March 12th	Specific Time	8:00-3:30
Contact Hours	6.5		
Location	COH 5		
+PL Group	5th grade math teachers		

Instruction/Presentation given by:

Matt Page/Math Teachers

Learning goals/objectives (aligned with the District mission/AIM):

- Teachers will be trained on state AIR testing
- Teachers will revise map and common assessment for 2018-19
- Teachers will review revisions to 1st and 2nd quarter maps and common assessment

Putting it into Practice (What is the expectation for how participants will use this information beyond this day in their work?):

- Teachers will use revised curriculum maps and common assessments for the 2018-19 school year.
- Teachers will administer the AIR assessments

Agenda (please include below or attach):

8:00 - 9:30 - [AIR State Testing Training](#) (COH MPR)

9:30 - 10:00

Review of 1st and 2nd Quarter Revised Maps, Blueprints, and Common Assessments

- Creation teams present their revised maps and assessments of 1st and 2nd quarters for approval from all teachers - [Math Revision Process](#)
 - ALL math teachers sign-off [here](#)

Colleague Collaboration (choice)

- AIR Test Review Preparation
- 4th Quarter Lesson Planning
- Calibrate grading practices on common assessments

10:00 - 11:15 Measured Progress [Webinar](#) in Room 5 at COH

4. Introduction

Notes:

- 4 - Exemplary - perfect - would be asking for assessments to share
- 3 - Adequate - no major flaws, would not provide invalid feedback - 3 is a good score
- 2 Partial - may have a fatal flaw. Usually a piece missing
- 1 - Insufficient - several errors, wrong answer, etc

5th Grade Math Professional Learning Agendas

Review process - student - content - bullet points (also an editor), bias, sensitivity, scoring materials (rubrics, performance descriptors), Test Design - item design, item count, questions per standard, types of questions (mc, performance, etc) key runs (multiple questions with the same answer)

5. [Rubric review](#) by grade level

a. Item Alignment to Standards - [blueprints](#)

Notes:

- Start with a blueprint - how many points per standards
- Want some DOK 3 questions but fewer items
- Weeks 14-19 (all DOK 1 and DOK 2)
- Weeks 7-11 (do more NBT 5, lots of NBT7)

6. Individual Test Items

a. [Fractions](#)

Notes - overall very nice assessment

Q1 - likes the TEI, readjust the wording

Q5 - better distractors of 7/12

Q7 - likes drag and drop but move everything. Divide symbol or back slash

Q12 - $\frac{3}{4}$ would be nice distractor

Q15 - Both questions separately are good. Write part A as an improper fraction

b. [Multiplying](#)

Notes

Q2 - Have more than 4 choices so it stands out - so students know to Select All. Bold face the word "All". Grades 3-5 usually use "Select the 2 options" - gives the specific number to select

Q4 - Confused on how student was supposed to divide. "Up to 14 teams" would up the DOK level

Q5 - Good way to evaluate this standard. Use same terminology - equal or equivalent

Takeaways/Where to go from here

- For each point plan about 2 minutes
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- Standards
- DOK levels - have mix of DOK 1, 2, and 3 (include a scaffolding piece)
- DOK 2 should be largest %, then DOK 1 and then DOK 3
- Align standards
- Nice to have someone else look at it
- In the future maybe just read notes
- Correct/edit other common assessments based on feedback from these 2 and then submit to Measured Progress for feedback

[PL Feedback Form](#)

Things to remember:

5th Grade Math Professional Learning Agendas

- ☐ Time planned for implementation with support (hands on work and practice), collaboration, and brainstorming with colleagues (if appropriate).
- ☐ Please remember to include break and lunch times.
- ☐ Time scheduled for feedback form at the end of the session.
- ☐ Coaches send Emily Buckley a synopsis of the material/PD day. (Pictures are always welcome, including first and last names of those in the pictures)
- ☐ Make sure your own template share/edit settings are to the appropriate audience.

Submitted by	Matt Page	Date	3-12-18
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OFFICE USE ONLY

PDU Approval: Yes/No _____ Number of PDU's: _____

Approved by: _____ Date: _____

Professional Learning Planning Template & PDU Approval



Program Title	5th Grade Math Professional Learning Agendas		
Date	February 16th	Specific Time	8:00-11:15
Contact Hours	3.5		
Location	BMS - Media Center and Media Center Office (Creation team)		
+PL Group	5th grade math teachers		

Instruction/Presentation given by:

Matt Page/Math Teachers

Learning goals/objectives (aligned with the District mission/AIM):

- Teachers will revise map and common assessment for 2018-19
- Teachers will analyze AIR data to inform their instruction
- Teachers will collaborate on lesson plan construction
- Teachers will explore intervention and enrichment resources

Putting it into Practice (What is the expectation for how participants will use this information beyond this day in their work?):

- Teachers will use revised curriculum maps and common assessments for the 2018-19 school year.
- Teachers will use their AIR analysis to guide their instruction
- Teachers will implement lesson plans and intervention and enrichment activities in their classroom

Agenda (please include below or attach):

5th Grade Math Professional Learning Agendas

8:00 - 10:45

HCESC (Kelly Wegener) - Non-creation teachers - media center

- Data Analysis
- Grade level Collaboration
- Intervention/Enrichment

8:00-10:45 - [Math Creation Teams](#)

Revise Maps, Blueprints, Common Assessments (creation team) - media center office

- [Math Revision Process](#)
 - ([K-2 Math Revision Timeline](#), [3-8 Math Revision Timeline](#))

10:45 - 11:15 Other - all Math teachers - media center

- [Assessment Service Review - Measured Progress](#)

[PL Feedback](#)

Things to remember:

- ☐ Time planned for implementation with support (hands on work and practice), collaboration, and brainstorming with colleagues (if appropriate).
- ☐ Please remember to include break and lunch times.
- ☐ Time scheduled for feedback form at the end of the session.
- ☐ Coaches send Emily Buckley a synopsis of the material/PD day. (Pictures are always welcome, including first and last names of those in the pictures)
- ☐ Make sure your own template share/edit settings are to the appropriate audience.

Submitted by	Matt Page	Date	2-16-18
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PDU Approval: Yes/No _____

Number of PDU's: _____

Approved by: _____

Date: _____

5th Grade Math Professional Learning Agendas

Professional Learning Planning Template & PDU Approval

Oak Hills Professional Learning...



Program Title	5th Grade Math Professional Learning Agendas		
Date	January 3rd	Specific Time	8:00-11:15
Contact Hours	3.5		
Location	JFD 34		
+PL Group	5th grade math teachers		

Instruction/Presentation given by:

Matt Page/Math Teachers

Learning goals/objectives (aligned with the District mission/AIM):

- Teachers will make map and common assessment recommendations for 2018-19
- Teachers will receive training on Edulastic

Putting it into Practice (What is the expectation for how participants will use this information beyond this day in their work?):

- Teachers will use revised curriculum maps and common assessments for the 2018-19 school year.
- Teachers will use Edulastic to administer common assessments

Agenda (please include below or attach):

8:00 - 10:00 Edulastic Training Agenda

- Edulastic Timeline Plans by Grade Level
- K-2 by grade level - [groups/location](#)
- 3-5 by content area - [groups/location](#)

10:00 - 10:30 Math 2017-18 Building Recommendations

- 1st and 2nd quarter map
- 1st and 2nd quarter common assessments (preview in Edulastic)
 - If you are a singleton, please join another building in making recommendations

*** IEP Workshop & Collaboration for IVS Teachers (building principal will communicate logistics)

10:30 - 11:15 Colleague Collaboration

- Preview 3rd quarter map
- Preview 3rd quarter common assessments
- Share 3rd quarter resources

PL Feedback

5th Grade Math Professional Learning Agendas

Things to remember:

- ☐ Time planned for implementation with support (hands on work and practice), collaboration, and brainstorming with colleagues (if appropriate).
- ☐ Please remember to include break and lunch times.
- ☐ Time scheduled for feedback form at the end of the session.
- ☐ Coaches send Emily Buckley a synopsis of the material/PD day. (Pictures are always welcome, including first and last names of those in the pictures)
- ☐ Make sure your own template share/edit settings are to the appropriate audience.

Submitted by	Matt Page	Date	1-3-18
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PDU Approval: Yes/No _____

Number of PDU's: _____

Approved by: _____

Date: _____

5th Grade Math Professional Learning Agendas

Professional Learning Planning Template & PDU Approval



Program Title	5th Grade Math Professional Learning Agendas		
Date	Nov 7, 2017	Specific Time	
Contact Hours	3.5		
Location	CO Harrison MPR		
+PL Group	5th grade math teachers		

Instruction/Presentation given by:

Matt Page

Learning goals/objectives (aligned with the District mission/AIM):

- Teachers will learn and design math interventions and enrichment activities
- Teachers will build a class roster in TIDE to analyze student data

Putting it into Practice (What is the expectation for how participants will use this information beyond this day in their work?):

- Teachers will implement the math interventions and enrichment activities
- Teachers will use the item analysis data to guide their instruction

Agenda (please include below or attach):

12:15-2:00 - [Intervention/Enrichment Resources](#)

- HCESC enrichment and intervention strategies and resources
- Teacher time to explore resources and strategies and personalize to their content and curriculum

2:00 - 2:10 Break

2:10 - 3:10 - Item Analysis, Released Items and Correlation Document

- [Online Reporting System Roster and Item Analysis](#) - Teachers create roster in the ORS and do item analysis of 2016-17 AIR data. Teachers can also create a roster of current students.
- [Release Items and Correlation Document](#) - View released items from last year through lense of item analysis

3:10 - 3:20 [Universal Screening Survey](#)

3:20 - 3:30 [PL FORM](#)

Things to remember:

5th Grade Math Professional Learning Agendas

- ☐ Time planned for implementation with support (hands on work and practice), collaboration, and brainstorming with colleagues (if appropriate).
- ☐ Please remember to include break and lunch times.
- ☐ Time scheduled for feedback form at the end of the session.
- ☐ Coaches send Emily Buckley a synopsis of the material/PD day. (Pictures are always welcome, including first and last names of those in the pictures)
- ☐ Make sure your own template share/edit settings are to the appropriate audience.

Submitted by	Matt Page	Date	11-7-17
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PDU Approval: Yes/No _____ Number of PDU's: _____

Approved by: _____ Date: _____

Professional Learning Planning Template & PDU Approval



Program Title	5th Grade Math Professional Learning Agendas		
Date	9/22/17	Specific Time	8:00-3:30
Contact Hours	7		
Location	BMS MPR		
PL Group	5th grade math teachers		

Instruction/Presentation given by:

HCESC - Kelly Wegener, Christina Sherman

Learning goals/objectives (aligned with the District mission/AIM):

- Teachers will compare 2010 standards to 2017 standards
- Teachers will discuss the impact the new standards and model curriculum will have on curriculum, instruction, and assessment
- Teachers will edit maps and common assessments to reflect the revised standards

Putting it into Practice (What is the expectation for how participants will use this information beyond this day in their work?):

- Teachers will use the revised maps to guide their instruction
- Teachers will administer the revised common assessments to measure student learning

Agenda (please include below or attach):

5th Grade Math Professional Learning Agendas

8:00 - 11:15 - HCESC

1. Review work from April
2. K-8 Gap Analysis
 - a. Add notes to OLS revision comparison doc from April
 - i. Grade 5: <http://bit.ly/5thOLSrevision>
3. [Model Curriculum](#)
 - a. Explore
 - b. Again, add notes to OLS revision comparison docs

11:15 - 12:15 - Lunch

***5th Science teachers will be meeting in the media center after lunch to finish common assessments.

12:15 - 3:30 - HCESC

4. Math-Specific DOK
 - a. Resources
 - b. AIR questions
5. Revision process for maps and assessments on Oct 16
 - a. Unpacking an assessment

[Professional Learning Form](#)

Things to remember:

- ☐ Time planned for implementation with support (hands on work and practice), collaboration, and brainstorming with colleagues (if appropriate).
- ☐ Please remember to include break and lunch times.
- ☐ Time scheduled for feedback form at the end of the session.
- ☐ Coaches send Emily Buckley a synopsis of the material/PD day. (Pictures are always welcome, including first and last names of those in the pictures)
- ☐ Make sure your own template share/edit settings are to the appropriate audience.

Submitted by		Date	
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OFFICE USE ONLY

PDU Approval: Yes/No _____ Number of PDU's: _____

Approved by: _____ Date: _____

Professional Learning Planning Template & PDU Approval



Program Title	5th Grade Math Professional Learning Agendas		
Date	8/10/17	Specific Time	12:15-3:30
Contact Hours	7		
Location	BMS MPR		
PL Group	5th Math Teachers		

5th Grade Math Professional Learning Agendas

Instruction/Presentation given by:

Matt Page

Learning goals/objectives (aligned with the District mission/AIM):

- Teachers will review AIR Data
- Teachers will review important documents for the upcoming school year
- Teachers will document needs, questions, and clarifications from ODE math documents

Putting it into Practice (What is the expectation for how participants will use this information beyond this day in their work?):

- Teachers will use AIR data to inform their instruction
- Teachers will use ODE math documents to make revisions to maps, common assessments, and daily instruction in the future

Agenda (please include below or attach):

12:15-1:45 OHLSD Math Vision

- Welcome back! (sit by grade levels)
- Logistical piece needed [Math Teachers ES 2017-18](#)
- Get to Know You (20 minutes)
- AIR Data Review (10 minutes)
- Team Building (30 minutes)
 - Puzzle Activity
 - Gift cards
- OHLSD Math Vision for 2017-18

1:45 - 2:00 Bookmark and Break

- [AIR Math Internal Doc](#) (all things AIR...bookmark & browse at your own leisure)

2:00-3:30 - Math Current Events - Individual - Grade level

Peruse each document to stay up to date on current changes in mathematics. When finished, complete Google Form.

- [Suggested Timeline Transition](#)
- [2010 Mathematics Standards with 2017 Revision Comparison](#)
- [K-8 Critical Areas of Focus](#)
- [Standards for Mathematical Practice by grade level](#)
- Meet with grade level teams to discuss impacts of these changes
 - [ODE Math Document Reflections](#) (please fill in)

Things to remember:

- ☐ Time planned for implementation with support (hands on work and practice), collaboration, and brainstorming with colleagues (if appropriate).
- ☐ Please remember to include break and lunch times.
- ☐ Time scheduled for feedback form at the end of the session.
- ☐ Coaches send Emily Buckley a synopsis of the material/PD day. (Pictures are always welcome, including first and last names of those in the pictures)
- ☐ Make sure your own template share/edit settings are to the appropriate audience.

Submitted by

Matt Page

Date

8-10-17

OFFICE USE ONLY



5th Grade Math Professional Learning Agendas

PDU Approval: Yes/No _____

Number of PDU's: _____

Approved by: _____

Date: _____

Professional Learning Planning Template & PDU Approval



Program Title	5th Grade Math Professional Learning Agendas		
Date	8/11/2017	Specific Time	8:00-11:15
Contact Hours	7		
Location	BMS MPR		
PL Group	5th grade math teachers		

Instruction/Presentation given by:

Matt Page

Learning goals/objectives (aligned with the District mission/AIM):

- Teachers will audit all curriculum maps.
- Teachers will review and familiarize themselves with grade level common assessments.
- Teachers will audit GradeCam for math common assessments

Putting it into Practice (What is the expectation for how participants will use this information beyond this day in their work?):

- Teachers will use curriculum maps to guide their instructional planning
- Teachers will use common assessments to measure student growth
- Teachers will use GradeCam or Edulastic to administer common assessments
- Teachers will use the building recommendation form to document revisions to maps and common assessments

Agenda (please include below or attach):

8:00 - 9:30 - Grade Level Meetings - Please record answers below.

- Audit curriculum [maps](#)
 - Do all dates look correct? **The dates are correct for 2017-18 school year**
 - Are common assessments on map? **All assessments are linked on the map**
 - Are SGM's on map? **Decision for each building**

5th Grade Math Professional Learning Agendas

- Does the map flow well? **yes**
- Review and familiarize yourself with common [assessments](#) **Done**
- Audit GradeCam/Edulastic
 - Can you find each common assessment in GradeCam? **yes**
 - Are all common assessments entered? **Yes in Grade Cam and Edulastic**
 - Are answer keys correct? **yes**
- Are we ready to roll? **yes**
- [Building Recommendation Form](#)

9:30 - 11:15 - Colleague Collaboration

- Review 1st quarter map
- Review 1st quarter common assessments
 - Identify anticipated weaknesses
 - Identify potential strengths
- Design lesson plans for beginning of school year
 - Intervention and enrichment activities should be part of this
- [PL Feedback Form](#)

Things to remember:

- ☐ Time planned for implementation with support (hands on work and practice), collaboration, and brainstorming with colleagues (if appropriate).
- ☐ Please remember to include break and lunch times.
- ☐ Time scheduled for feedback form at the end of the session.
- ☐ Coaches send Emily Buckley a synopsis of the material/PD day. (Pictures are always welcome, including first and last names of those in the pictures)
- ☐ Make sure your own template share/edit settings are to the appropriate audience.

Submitted by	Matt Page	Date	8-11-17
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OFFICE USE ONLY

PDU Approval: Yes/No _____

Number of PDU's: _____

Approved by: _____

Date: _____

5th Grade Math Professional Learning Agendas

5th Grade Math Professional Learning Agendas

Professional Learning Planning Template & PDU Approval



Program Title			
Date		Specific Time	
Contact Hours			
Location			
PL Group			

Instruction/Presentation given by:

--

Learning goals/objectives (aligned with the District mission/AIM):

--

Putting it into Practice (What is the expectation for how participants will use this information beyond this day in their work?):

--

Agenda (please include below or attach):

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Things to remember:

- ☐ Time planned for implementation with support (hands on work and practice), collaboration, and brainstorming with colleagues (if appropriate).
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Submitted by		Date	
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5th Grade Math Professional Learning Agendas

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