

K-5 Power Standards Agenda
September 28, 2018
Hillcrest Elementary School
7:30-11:30 am

- **Prior to meeting load your grade level math standards in iBooks, documents (or other application which allows you to highlight or mark-up)**
- **Directions for iPad**
 - Go to website: <http://www.corestandards.org/Math/>
 - Click on your grade level located in orange box on the right hand side
 - Open up the strand you are uploading (**will have 4-5 to upload for your grade level**)
 - Click on 1 and then 2 for each of your math strands (Repeat for all math strands)
- **Directions for Macbook**
 - Using Safari, go to website: <http://www.corestandards.org/Math/>
 - Click on your grade level located in orange box on the right hand side
 - Open up the strand you are uploading (**will have 4-5 to upload for your grade level**)
 - Click on File and then click on Export to PDF
 - Save to downloads
 - Open pdf from downloads
 - Repeat for all math strands
 - You will have the ability to highlight and mark up the documents.
- **Bring ipad or Macbook to meeting**

| Grade Level/Specialist | Location | Grade Level/Specialist | Location (Hillcrest) |
|-------------------------------|---------------------|-------------------------------|--------------------------------|
| 4K | Rm. 108 - Mertig | Art | Rm. 107 - Michaud |
| Kindergarten | Rm. 102 - Gwidt | K-12 Counselors | PHS Counseling Conference Room |
| Grade 1 | Rm. 123 - Gray | K-12 LMS/DLS | Library - Malchow |
| Grade 2 | Rm. 118 - Abendroth | Music | Rm. 136 - Galligan |
| Grade 3 | Rm. 133 - Jankovich | PE | Gym - LaFave |
| Grade 4 | Rm. 129 - Nick | Spanish | Rm. 122 - Kraft |
| Grade 5 | Rm. 128 - Barry | | |

***LST's and Special Ed with Grade Levels

| Time | Task | Resources |
|---|--|---|
| 7:30-7:50 | <p>Welcome and Introductions</p> <p>Determining Power Standards</p> <ul style="list-style-type: none"> ● Process to determine math power standards will occur on PD Days (September 28, October 26, January 21 and March 8: all half days) <p>Final Products from Determining Power Standards</p> <ul style="list-style-type: none"> ● PCSD Power Standards ● Safety Net Curriculum <ul style="list-style-type: none"> ○ Samples from Other Districts | <p>District Protocols:</p> <p>Determining Power Standards</p> <p>PCSD Power Standards</p> <p>Examples of Safety Nets</p> <ul style="list-style-type: none"> ● Grades 2-4 ● Grades 10-12 |
| 7:50-8:10 am | <p>Is It R.E.A.L or not?</p> <ul style="list-style-type: none"> ● Individually read handout ● Discuss the following terms for common understanding: power standard, readiness, endurance, assessed and leverage | <p>R.E.A.L Handout</p> |
| 8:10-8:30 am | <p>Apply the four criteria independently to your grade level math standards on which standards you believe meet these:</p> <p>Readiness: Will it provide students with knowledge and skills essential for success in the next grade level?</p> <p>Endurance: Will this standard provide students with the knowledge and skills that are valuable beyond a single test date?</p> <p>Assessed: Will this standard be assessed on the state or national exams?</p> <p>Leverage: Will it provide knowledge and skills that are valuable in multiple disciplines?</p> | <p>Mathematics Standards: Common Core</p> <p>Common Core Math Standards uploaded into iBook or other apps for mark-up/highlighting (See instructions above)</p> |
| 8:30-11:00 am (with 15 minute break) | <p>Develop your grade level's first draft of your grade level 5-7 math power standards by taking each strand separately (Estimate about 30 minutes per strand)</p> <p>Math Standards by Strands:</p> <ul style="list-style-type: none"> ● Counting & Cardinality (K) ● Operations & Algebraic Thinking (K-5) ● Number & Operations in Base Ten (K-5) ● Measurement & Data (K-5) ● Geometry (K-5) ● Number & Operations-Fractions (3-5) <p>For each strand: In small groups of 3-5 teachers, use sorting circles and Need to Know/Nice to Know headers plus the R.E.A.L criteria to create your draft of power standards</p> | <p>Sorting circles</p> <p>Need to Know/Nice to Know Headers</p> <p>Envelopes of Math Standards by Strands (5 per grade level)</p> <p>Priorities in Math Curriculum</p> |

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| | <p>Discuss what each team came up with regarding the Need to Know standards. You may need to interpret together what the standard truly means</p> <p>As grade level team, build consensus together on the Need to Know standards which will become your Power Standard(s) for each math strand.</p> <p>Record your grade level power standard draft on K-12 Math Power Standard document after completing each strand</p> | K-12 Math Power Standards |
| 11:00-11:20 am CT | <p>Review the draft of math power standards for your grade level and clean up document to have between 5-7 total power standards</p> <p>Select <u>two reps</u> for the K-12 Vertical Meeting which will occur on December 5 @ 8am-Noon (Sign up in Frontline MLP and secure a sub via AESOP)</p> | K-12 Vertical Sign Up |
| 11:20-11:30 am | <p><u>What are the Next Steps (October 26th PD half day):</u></p> <p>Compare the draft of power standards to state assessment blueprints</p> <p>Revisit/Revise your power standards for math that will be brought to vertical meetings on K-12 Math Power Standards</p> <p>Create Flipcharts for Vertical Meetings</p> <p>If time permits, vertical meetings for K-2 and 3-5 for math power standard alignment</p> | |

*****Specialist will be working on Power Standards for their content areas**

- Use same process/protocol being used district-wide: [Determining Power Standards](#).
- Please use the sorting circles, need to know/nice to know and standard envelopes provided for your work on September 28th. (Your lead principal has your materials)
- Record your draft of power standards in the appropriate documents [K-12 Power Standard Folder](#) for your content area and by the grade level
- By the end of your meeting on October 26th, please write your power standards on large sticky flip charts (each grade level on separate chart paper)
- Vertical K-12 meetings by content area will occur on January 21st from 7:30-11:00 am during professional development time.

Main Standards Used to Create Power Standards:

- ELA and Math: [Common Core State Standards](#)
- Science: [WI Standards for Science](#)
- Social Studies: [WI Standards for Social Studies](#)
- CTE: [WI State Standards](#)
- Art: [National Core Arts Standards](#)
- PE: [National Shape America](#)
- Music: [Wisconsin Standards for Music](#)
- World Language: [ACTFL](#)
- Info Tech: [WI Standards for Information and Technology Literacy](#)
- School Counseling: [Mindsets](#)

K-5 Power Standards Agenda
October 26, 2018
Sunnyside Elementary School
7:30-11:15 am

| Grade Level/Specialist | Location | Grade Level/Specialist | Location (Sunnyside) |
|------------------------|--------------------|------------------------|-----------------------------|
| 4K | Room 115 (Pautz) | Art | Room 3 (Art Room) |
| Kindergarten | Room 139 (Baumann) | K-12 Counselors | Room 27 (Collaboration Lab) |
| Grade 1 | Room 127 (Wertel) | K-12 LMS/DLS | Room 26 (LMC) |
| Grade 2 | Room 138 (Calaway) | Music | Room 4 (Music Room) |
| Grade 3 | Room 42 (Moore) | PE | Room 124 (Anvelink) |
| Grade 4 | Room 37 (Prestby) | Spanish | Room 5 (Book Room) |
| Grade 5 | Room 29 (Awve) | | |

*****LST's and Special Ed with Grade Levels**

| Time | Task | Resources |
|--------------|--|--|
| 7:30-7:45 am | <p>Welcome and Introductions</p> <p>Review Determining Power Standards Process: Where we have been and where we are going?</p> <ul style="list-style-type: none"> ● K-12 Vertical Math Meeting on December 5 with selected reps ● Process to determine math power standards will continue to occur on PD Days (January 21 and March 8: all half days) <p>What will our Final Products from Determining Power Standards be:</p> <ul style="list-style-type: none"> ● PCSD Power Standards ● Safety Net Curriculum <ul style="list-style-type: none"> ○ Samples from Other Districts | <p>District Protocols:</p> <p>Determining Power Standards</p> <p>PCSD Power Standards (1/21)</p> <p>Examples of Safety Nets</p> <ul style="list-style-type: none"> ● Grades 2-4 ● Grades 10-12 |
| 7:45-8:45 am | <p>The "A" of R.E.A.L Criteria (Assessed)</p> <ul style="list-style-type: none"> ● Compare the draft power standards to the state blueprint indicating what is likely going to be emphasized on the state test. | <p>2018 Mathematics Test Blueprints for Grades 3-8</p> <p>Item Types of Forward Exam</p> |

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| | <ul style="list-style-type: none"> Longitudinal data on state test using WISEDash Public and Secure | Test Design (Math page 2) WISEDash Public WISEDash Secure (need your WAMS ID) Initial FAST Data in Math (remember not aligned to Forward Exam) |
| 8:45-9:15 am | Review and revise your draft of 5-7 power standards related to R.E.A.L criteria <ul style="list-style-type: none"> Readiness: Will it provide students with knowledge and skills essential for success in the next grade level? Endurance: Will this standard provide students with the knowledge and skills that are valuable beyond a single test date? Leverage: Will it provide knowledge and skills that are valuable in multiple disciplines? | R.E.A.L Handout Priorities in Math Curriculum |
| 9:15-9:30 am | Write your 5-7 power standards on chart paper <ul style="list-style-type: none"> Top of chart paper: Include content, grade level For each power standard: Include numbers/letters from CCSS to identify standard with a brief phrase in own words (educator friendly) about the standard <ul style="list-style-type: none"> Try to get 2 or 3 on each sheet of chart paper (not word for word) <p>AND</p> <p>Break</p> | Sample Chart Paper for Vertical Meetings of Power Standard Draft |
| 9:30-10:15 am | Vertical Meetings: Round 1 for K-1, 2-3 and 4-5 <ul style="list-style-type: none"> Teams post their grade level chart of power standards A member or two from each grade level share/describe/explain their list of power standards Teams review how their draft list of power standards fits into the standards chosen by the grade level before theirs or after theirs. Look for gaps, overlaps and omissions: <ul style="list-style-type: none"> Gaps: Are there places where there are gaps? Are there standards that should be taught more than one grade level that are missing from certain grade levels? Overlaps: Are there places where the standards are taught in more than one grade level and in reality could be taught in | K-12 Math Power Standards |

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| | <p>one grade level?</p> <ul style="list-style-type: none"> ○ Omissions: Are there places where we left out important standards that are likely assessed? | |
| 10:15-11:00 am | <p>Vertical Meetings: Round 2: 1-2 and 3-4</p> <ul style="list-style-type: none"> ● Repeat steps from Round 1 <p>Grade Level Meetings for Kindergarten and Grade 5</p> | |
| 11:00-11:15 am | <p><u>What are the Next Steps:</u></p> <p>December 5: K-12 Vertical Meeting for Math Power Standards (Reps from each grade level)</p> <p>January 21 PD ½ Day:</p> <ul style="list-style-type: none"> ● PCSD Power Standards Document for Grade Level Power Standard (Unpack) ● Begin Pacing Guide Revisions | <p>K-12 Vertical Sign Up</p> <p>PCSD Power Standards Power Standard Examples</p> |

*****Specialists will be working on Power Standards for their content areas**

- Use same process/protocol being used district-wide: [Determining Power Standards](#).
- Please use the sorting circles, need to know/nice to know and standard envelopes provided for your work on October 26th.
- Record your draft of power standards in the appropriate documents [K-12 Power Standard Folder](#) for your content area and by the grade level
- By the end of your meeting today, please write your power standards for all grades K through 5 on large sticky flip charts (each grade level on separate chart paper)
- Vertical K-12 meetings by content area will occur on January 21st from 7:30-11:00 am during professional development time.

Main Standards Used to Create Power Standards:

- ELA and Math: [Common Core State Standards](#)
- Science: [WI Standards for Science](#)
- Social Studies: [WI Standards for Social Studies](#)
- CTE: [WI State Standards](#)
- Art: [National Core Arts Standards](#)
- PE: [National Shape America](#)
- Music: [Wisconsin Standards for Music](#)
- World Language: [ACTFL](#)
- Info Tech: [WI Standards for Information and Technology Literacy](#)
- School Counseling: [ASCA Mindsets & Behaviors](#)

K-12 Math Power Standards Agenda

December 5, 2018

District Office

8:00-12:00

| Grade Level | Representative | Representative |
|----------------------------|---|------------------|
| Kindergarten | Amy Angeli | Jackie Baumann |
| Grade 1 | Emily Vissers | Julie Bedora |
| Grade 2 | Amanda McAllister | Kim Polasik |
| Grade 3 | Wendy Derenne | Jamie Somerville |
| Grade 4 | Heather Lindahl | Lydia Storby |
| Grade 5 | Becky Barry | Cora Blackburn |
| Grade 6 | Kathy Tennant | |
| Grade 7 | Jonathon Rohde | |
| Grade 8 | Joe Isham | |
| Math 1 | Brianna Bliese | |
| Math 2 | Ross Kinate | |
| Math 3 | Joel Jarock | |
| Math Analysis/Pre-Calculus | Luke Martinson Vicki Gulan | |
| Learning Leaders | Janel Batten Principals and Associate Principals will join vertical meeting throughout the morning | |

| Time | Task | Resources |
|---------------|---|---|
| 8:00- 8:45 am | Welcome and Introductions K-12 Vertical Math Norms Review Determining Power Standards Process: <ul style="list-style-type: none"> Where we have been and where we are going in PCSD work with power standards? | Presentation Dotstorming District Protocols: Determining Power Standards |

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|--------------------------|---|--|
| | <ul style="list-style-type: none"> ● How Do We Decide Essential Learning? (Mike Mattos Video) ● What will our Final Products from Determining Power Standards be: <ul style="list-style-type: none"> ○ PCSD Power Standards ○ Safety Net Curriculum <ul style="list-style-type: none"> ■ Samples from Other Districts | <p>PCSD Power Standards</p> <p>Examples of Safety Nets</p> <ul style="list-style-type: none"> ● Grades 2-4 ● Grades 10-12 |
| 8:45-9:15 am | <p>“Regrounding” in R.E.A.L. Criteria (Conversational Roundtable with Five Groups)</p> <p>Readiness: Will it provide students with knowledge and skills essential for success in the next grade level?</p> <p>Endurance: Will this standard provide students with the knowledge and skills that are valuable beyond a single test date?</p> <p>Assessed: Will this standard be assessed on the state or national exams?</p> <p>Leverage: Will it provide knowledge and skills that are valuable in multiple disciplines?</p> <p>Other Resources to Guide/Double Check our Work:</p> <ul style="list-style-type: none"> ● Priorities in Math Curriculum ● Double Check of K-8 Power Standards with Achieve the Core: Focus on Mathematics ● <i>Catalyzing Change in High School Mathematics: Initiating Critical Conversations</i> ● Most Misunderstood Math Standards in Grades 3-8 (Use arrows on side to toggle between Grades) | <p>R.E.A.L Handout</p> <p>Math CCSS</p> <p>Priorities in Math Curriculum</p> <p>Achieve the Core: Focus on Mathematics</p> <p>NCTM Resources Executive Summary</p> |
| 9:15-10:45 am with Break | <p>Vertical Gallery Walk of K-12 Power Standards: Google Form (30-35 min)</p> <ul style="list-style-type: none"> ○ Gaps: Are there places where there are gaps? Are there standards that should be taught more than one grade level that are missing from certain grade levels? ○ Overlaps: Are there places where the standards are taught in more than one grade level and in reality could be taught in one grade level? ○ Omissions: Are there places where we left out important standards that are likely assessed? <p>Break (10 min)</p> | <p>Google Form: Gaps/Overlaps and Omissions</p> <p>K-12 Math Power Standards</p> |

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| | <p>Discussions in Small Groups: (20-25 min)</p> <ul style="list-style-type: none"> ● Group 1 ● Group 2 ● Group 3 ● Group 4 <p>Whole Group Discussion (20 min)</p> | <p>Gallery Walk: Responses</p> |
| 10:45-11:30 am | <p>Safety Nets Templates---Learning Services</p> <p>Power Standard Protocol</p> <ul style="list-style-type: none"> ● Components-How to complete? ● Samples from other Districts ● Add your finalized power standards for next steps/work | <p>PCSD Power Standards</p> <p>Power Standard Examples</p> |
| 11:30-12:00 | <p>Next Steps:</p> <ul style="list-style-type: none"> ● Sharing Work with K-5 Grade Level (January 21) and 6-12 Course Teams ● Completion of PCSD Power Standard Protocol (January 21 for K-5) ● Pacing Guides (January 21/March 8 for K-5) ● Question 2: How will we know students are learning? (Common Assessment Work 2019-2020) | |

K-12 Math Power Standards

December 5, 2018

Welcome

Introductions

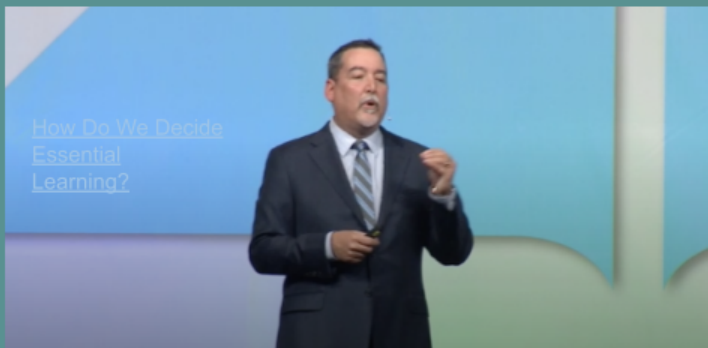
- Name
- School
- Share one success story with your work on math power standards



K-12 Vertical Norms



How Do We Decide Essential Learning?



Work in PCSD related to “Determining Power Standards”



Products from Process:

- Safety Net Curriculum
 - Samples
 - Grades 2-4
 - Grades 10-12
- PCSD Power Standards



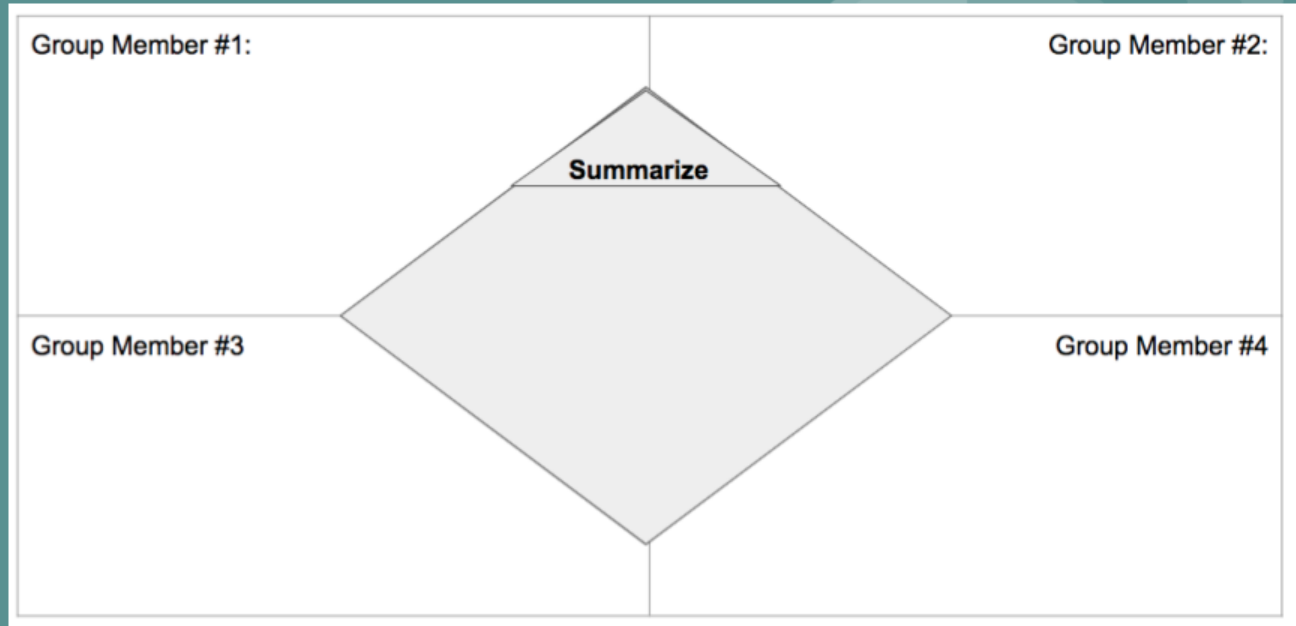
“Regrounding” in R.E.A.L Criteria and Other Resources

Conversational Roundtable

Directions:

1. Review various resources (15 min)
 - a. [R.E.A.L Handout](#)
 - b. [Priorities in Math Curriculum](#)
 - c. [Achieve the Core: Focus on Mathematics \(K-8\)](#)
 - d. [Catalyzing Change in High School Mathematics: Executive Summary](#)
 - e. [Most Misunderstood Math Standards in Grades 3-8 \(Use arrows to toggle between grades\)](#)
2. Record your individual thoughts, reflections, etc on the graphic organizer (5 min)
3. As a group, discuss, synthesize and summarize your thoughts related to the R.E.AL criteria and other resources related to priorities in math, focus on math, misunderstood math standards and essential concepts in high school. (10 min)
4. Share with whole group (10 min)

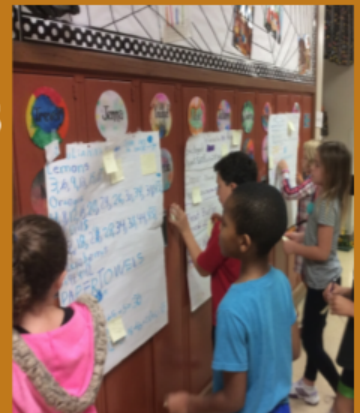
Conversational Roundtable



Vertical Gallery Walk: K-12 Math Power Standards

- Gaps: Are there places where there are gaps? Are there standards that should be taught more than one grade level that are missing from certain grade levels?
- Overlaps: Are there places where the standards are taught in more than one grade level and in reality could be taught in one grade level?
- Omissions: Are there places where we left out important standards that are likely assessed?

[Google Form: Gaps/Overlaps and Omissions](#)





1. Gallery Walk: Group Discussions

| | | | |
|----------------------|--------------------------|-----------------------|-------------------------|
| Amy Angeli | Jackie Baumann | Emily Vissers | Julie Bedora |
| Kim Polasik | Amanda McAllister | Wendy Derenne | Jamie Somerville |
| Lydia Storby | Becky Barry | Cora Blackburn | Heather Lindahl |
| Kathy Tennant | Jonathon Rohde | Brianna Bliese | Joe Isham |
| Ross Kinate | Luke Martinson | Vicki Gulan | Joel Jarock |



[Gallery Walk Responses](#)

2. Vertical Power Standard: Whole Group Discussions

Next Steps: Power Standard Protocol

By levels of K-1, 2-3, 4-5, 6-8 and 9-12, review the [Power Standard Protocols](#) and [Power Standard Examples](#):

- What questions do you have about the template?
- What items will be difficult to complete? Easy to complete
- What samples helped you the most?
- What support will your team need to complete?

| What is it We Expect Students To Learn? | | | | | | |
|--|---|---|------------------------------------|---|--|--|
| Grade: | Subject: | Semester: | Team Members: | | | |
| Standard/Description | Example of Rigor | Foundational and Prerequisite Skills | When Taught? | Common Summative Assessment | Extension of the Standard | Intervention of the Standard |
| What is the power standard to be learned? Describe in student-friendly vocabulary. | What does proficient student work look like? Provide an example and/or description. | What does a student need in the earliest states in order to be able to access this content? What prior knowledge, skills, and/or vocabulary are needed for a student to master this standard? | When will this standard be taught? | What assessment(s) will be used to measure student mastery? | What will we do in our classroom when students have already learned this standard? | What will we do in our classroom when students are not learning this standard? |
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Next Steps:



- Sharing the K-12 Vertical work for Math Power Standards with Grade Level and Content Teams (PLC Time for 6-12 and January 21 for K-5)
- Completion of PCSD Power Standard Protocol (January 21)
- Pacing Guides for Math (January 21 and March 8)
- Question #2: How will we know when they know it? (Common Assessment and Grading work in 2019-2020)
- Other Content Power Standards for K-5 and Vertical Meetings (2019-2021)
- Question #2 and #4: How will we support students who don't know it? How will we support students who have mastered it? (Intervention and Enrichment in 2020-2021)

K-5 Power Standards Agenda
January 21, 2019
Lannoye Elementary School
12:00-3:00 pm

| Grade Level/Specialist | Location |
|------------------------|--|
| 4K | 212 (Amanda Gloe) |
| Kindergarten | 214 (Sarah Hoverson/Kayla Baumgartner) |
| Grade 1 | 210 (Beth Dziekan) |
| Grade 2 | 213 (Stephanie Heezen) |
| Grade 3 | 220 (Linda Gantz) |
| Grade 4 | 231 (Jordan Henderson) |
| Grade 5 | 232 (Trisha Nguyen) |
| K-12 Counselors | 221 (Heather Lindahl) |

****LST's and Special Ed with Grade Levels**

*****K-12 Specialists of Music, Art, Spanish, PE and CTE met for vertical alignment from 7:30-11am (Afternoon will be records day in classrooms)**

| Time | Task | Resources |
|----------------|---|--|
| 12:00-12:15 pm | Welcome and Introductions Review of Grade Level Norms | Grade Level Norms |
| 12:15-12:45 pm | Review work from the K-12 Vertical Math Power Standard Meeting on December 5, 2018 (Grade Level Reps that attended will share with team) <ul style="list-style-type: none"> ● Priorities in Math Curriculum ● Double Check of K-8 Power Standards with Achieve the Core: Focus on Mathematics ● Misunderstood Math Standards Grades 3-8 | Presentation and December 5 Agenda Priorities in Math Curriculum Achieve the Core: Focus on Mathematics Most Misunderstood Math Standards in Grades 3-8 (Use arrows on side to toggle |

| | | |
|---------------|--|---|
| | <ul style="list-style-type: none"> Vertical Gallery Walk of K-12 Power Standards: Google Form <ul style="list-style-type: none"> Gaps: Are there places where there are gaps? Are there standards that should be taught more than one grade level that are missing from certain grade levels? Overlaps: Are there places where the standards are taught in more than one grade level and in reality could be taught in one grade level? Omissions: Are there places where we left out important standards that are likely assessed? Whole Group Share: Vertical Math Standard Gallery Walk | <i>between Grades)</i> Gallery Walk: Responses Whole Group Share |
| 12:45-1:15 pm | <p>Final Revisions of Grade Level Power Standards</p> <ul style="list-style-type: none"> Flipchart Paper: See notes made by team from K-12 Vertical Meeting Discussions about grade level power standards Make final changes in the google document: K-12 Math Power Standard Learning Services will create the Safety Nets off of your work in the K-12 Math Power Standard folder | K-12 Math Power Standards Examples of Safety Nets <ul style="list-style-type: none"> Grades 2-4 Grades 10-12 Grade 5 Math (would include grade 4 and 6 on our safety net) Algebra I (would include Grade 8 and Math 2 on our safety net) |
| 1:15-1:30 pm | Break | |
| 1:30-2:50 pm | <p>Complete PCSD Power Standard Protocol</p> <ul style="list-style-type: none"> Review expectations and quality completion of the PCSD Power Standard Protocol Small Groups of 3-4: One power standard assigned per group to complete: <ul style="list-style-type: none"> Standard/Description Example of Rigor Foundational/Prerequisite Skills | PCSD Power Standards Power Standard Examples PCSD Power Standards: Kindergarten PCSD Power Standards: Grade 1 |

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|---------------------|--|---|
| | <ul style="list-style-type: none"> ○ When Taught? ○ Common Summative Assessment ○ Extension of Standard ○ Intervention of the Standard <ul style="list-style-type: none"> ● Review, Discuss and Revise as Whole Grade Level your grade level PCSD Power Standard Protocol | <p>PCSD Power Standards: Grade 2</p> <p>PCSD Power Standards: Grade 3</p> <p>PCSD Power Standards: Grade 4</p> <p>PCSD Power Standards: Grade 5</p> |
| <p>2:50-3:00 pm</p> | <ul style="list-style-type: none"> ● Share Fluency Resources by Grade Level - Achieve the Core ● Kindergarten (Life Science Unit Update) <p><u>What are the Next Steps:</u></p> <ul style="list-style-type: none"> ● Unwrapping the Math Standards Process (March 8) ● Pacing Guides Revisions for 2019-20 (March 8 and Committee Work on April 18 for K-2 and April 29 for 3-5.) <ul style="list-style-type: none"> ○ Rep from each school to build the 2019-20 pacing guides. K-12 Vertical Math members will continue plus additional three members from the other buildings will join) ○ Secure subs and sign up in MLP ● Question #2: How will we know students are learning? (Common Assessment Work 2019-20) ● K-12 Grading Guiding Principles (2019-2020) ● Power Standards for ELA, Science or Social Studies (2019-20 and 2020-21) ● Google Folder for all grade Common Assessment | <p>K-2 Example</p> <p>3-5 Example</p> <p>Sign up for Pacing Guide Work</p> |

K-5 Power Standards Agenda
March 8, 2019
Glenbrook Elementary School
12:00-3:30 pm (Lunch Provided)

| Grade Level/Specialist | Location | Grade Level/Specialist | Location |
|------------------------|----------|------------------------|---------------------------------|
| 4K | D11 | Art | C20 |
| Kindergarten | A15 | K-5 Counselors | Presenters for PM Sessions |
| Grade 1 | B23 | K-12 LMS/DLS | Library |
| Grade 2 | C22 | Music | D15 |
| Grade 3 | B233 | PE | Gym (they usually move to PACE) |
| Grade 4 | B215 | Spanish | B31 (media room) |
| Grade 5 | B212 | | |

****LST's and Special Ed with Grade Levels**

| Time | Task | Resources |
|---------------|---|--|
| 12:00-1:00 pm | Travel time to Glenbrook Lunch Provided | |
| 1:00-1:45 pm | Welcome and Introductions Review of Grade Level Norms Review Work from January 21st Meeting <ul style="list-style-type: none"> ● Finalized Math Power Standards ● PCSD Power Standard Protocols | Grade Level Norms K-12 Math Power Standard PCSD Power Standards: Kindergarten PCSD Power Standards: |

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| | <p>Focus on Number Sense in Math Power Standards:</p> <ul style="list-style-type: none"> ● Skim and Discuss Article: Number Sense: The Most Important Mathematical Concept in 21st Century in K-12 Education ● For future reference: Fluency Without Fear: Research Evidence on the Best Ways to Learn Math Facts | <p>Grade 1</p> <p>PCSD Power Standards: Grade 2</p> <p>PCSD Power Standards: Grade 3</p> <p>PCSD Power Standards: Grade 4</p> <p>PCSD Power Standards: Grade 5</p> |
| <p>1:45-3:15 pm with Break</p> | <p>“Unwrapping the Standards” Process</p> <ul style="list-style-type: none"> ● GlobalIPD Video: Unwrapping Standards with Your Teacher Team ● Skim and Annotate Chapter 4: The Unwrapping Process from <i>Common Formative Assessment</i> <ul style="list-style-type: none"> ○ Turn and Talk: <ul style="list-style-type: none"> ■ How do you think this unwrapping process will support your PLC work with power standards? ■ What support do you think you may need in this unwrapping process of power standards? ● Share example of process done by K-5 Learning Leaders with GlobalPD Video: A Protocol for Unwrapping Standards <p>Break</p> <p>Small Groups of 3-5: One power standard assigned per group to complete</p> <ul style="list-style-type: none"> ● For your group, make a copy of Unwrapping the Standards Template and label with Grade Level--- Math--- Power Standard Number (Example: Grade 3 Math Power Standard 3.NF.A.1) | <p>Chapter 4: The Unwrapping Process https://drive.google.com/file/d/0B-9XTJOfoSsyb3JsdzNLV003eWdwNkdmZVp3RDYybGRhNWNZ/view?usp=sharing</p> <p>K-2 Example 3-5 Example</p> <p>Unwrapping the Standards Template</p> |

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| | <ul style="list-style-type: none"> Share editing access with Carrie Birr (She will organize into a district K-12 Google folder and share out) <p>Share with whole grade level, Discuss and Revise based on discussions of whole grade level</p> | |
| 3:15-3:30 pm | <p><u>What are the Next Steps:</u></p> <ul style="list-style-type: none"> Pacing Guides Revisions for 2019-20 (Committee Work on April 18 for K-2 and April 29 for 3-5.) <ul style="list-style-type: none"> Reps secure subs in AESOP and sign up in MLP Question #2: How will we know students are learning? (Common Assessment Work: Summer and 2019-20) K-12 Grading Guiding Principles (2019-2020) Power Standards for Science or Social Studies (2019) and ELA (2020-21) <ul style="list-style-type: none"> New Standards in 2017 and 2018 Science Assessment changed for Spring, 2019 <p>https://dpi.wi.gov/sites/default/files/imce/standards/New%20pdfs/2018_WI_Social_Studies_Standards.pdf</p> <ul style="list-style-type: none"> Question #3 and 4: What will we do for students who aren't learning it or who have mastered the learning? (2020-21) | <p>Pacing Guide Reps</p> <p>Wisconsin Standards for Science (November, 2017) and NGSS: (June, 2014 Adoption in Pulaski)</p> <p>Wisconsin Standards for Social Studies (May, 2018)</p> |

K-5 Specialist:

| Time | Task | Resources |
|---------------|--|---------------------------------|
| 12:00-1:00 pm | Travel time to Glenbrook Lunch Provided | |
| 1:00-1:45 pm | Review work from the K-12 Vertical Specialist Power Standard Meeting on January 21, 2019 Finalize Power Standards | Agenda and Docs |

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| | <ul style="list-style-type: none"> • Discussions about grade level/content power standards • Make final changes in the google document: K-12 Math Power Standard <p>***Music: Revision work aligned to Wisconsin Standards for Music</p> | |
| <p>1:45-3:15 pm</p> | <p>Worktime to Complete PCSD Power Standard Protocol for each grade level (May want to divide up grade levels to complete the power standard document and then come https://docs.google.com/spreadsheets/d/14GYvDNq_WntBGvlqDe25w8hU72JIsN_fv8BLsFpRE-o/edit#gid=0 back together as a team to discuss, edit and revise).</p> | <p>PCSD Power Standards</p> <p>Power Standard Examples</p> <p>Kg. Phy Ed Gr. 1 Phy Ed Gr. 2. Phy Ed Gr. 3 Phy Ed Gr. 4 Phy Ed Gr. 5. Phy Ed</p> <p>Kg. Art Gr. 1 Art Gr. 2 Art Gr. 3 Art Gr. 4 Art Gr. 5 Art</p> <p>K-5 music (grades in tabs) Gr. 1 Music Gr. 2 Music Gr. 3 Music Gr. 4 Music Gr. 5 Music</p> <p>Kg. Counseling Gr. 1 Counseling Gr. 2 Counseling Gr. 3 Counseling Gr. 4 Counseling Gr. 5 Counseling</p> <p>Kg. Spanish Gr. 1 Spanish Gr. 2 Spanish Gr. 3 Spanish Gr. 4 Spanish</p> |

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| | | Gr. 5 Spanish |
| 3:15-3:30 pm | <p><u>What are the Next Steps:</u></p> <ul style="list-style-type: none"> ● Unwrapping the Standards Process (2019-20) ● Question #2: How will we know students are learning? (Common Assessment Work 2019-20) ● K-12 Grading Guiding Principles (2019-2020) | <p>K-2 Math Example 3-5 Math Example</p> |

Main Standards Used to Create Power Standards:

- ELA and Math: [Common Core State Standards](#)
- Science: [WI Standards for Science](#)
- Social Studies: [WI Standards for Social Studies](#)
- CTE: [WI State Standards](#)
- Art: [National Core Arts Standards](#)
- PE: [National Shape America](#)
- Music: [Wisconsin Standards for Music](#)
- World Language: [ACTFL](#)
- Info Tech: [WI Standards for Information and Technology Literacy](#)
- School Counseling: [Mindsets](#)