



# WDE STANDARDS UPDATES

Back-to-School Newsletter

September 2015

## Welcome Back to School :)

**Laurie Hernandez** 777-3469

Supervisor of Standards and  
Early Childhood / Math

[laurie.hernandez@wyo.gov](mailto:laurie.hernandez@wyo.gov)

**Jill Stringer** (starts 9/14)

Mathematics / STEM

[jill.stringer@wyo.gov](mailto:jill.stringer@wyo.gov)

**Monica Mosier** 777-8595

Language Arts (ELA) (starts 9/9)  
Fine & Performing Arts

[monica.mosier@wyo.gov](mailto:monica.mosier@wyo.gov)

**Stephanie Brady** 777-3793

Social Studies / ELA  
Physical Education

[stephanie.brady@wyo.gov](mailto:stephanie.brady@wyo.gov)

**Mike Cosenza** 777-5506

Science / STEM  
Career & Vocational Education

[mike.cosenza@wyo.gov](mailto:mike.cosenza@wyo.gov)

**Robin Holbrook** 777-5217

English Learner (EL)  
Foreign Language / Health

[robin.holbrook@wyo.gov](mailto:robin.holbrook@wyo.gov)

**Lachelle Brant** 777-6476

Early Childhood / TANF

[lachelle.brant1@wyo.gov](mailto:lachelle.brant1@wyo.gov)

**Jessica Steinbrenner** 777-8568

Assessment Supervisor

[jessica.steinbrenner@wyo.gov](mailto:jessica.steinbrenner@wyo.gov)



Monica Mosier will be joining the Standards Team of the Accountability Division on September 9th as the new Language Arts and Fine & Performing Arts Consultant. Monica is eager to use her skills acquired from six years of teaching Language Arts in New York City, three years of implementing ELA Standards (CCSS) at the school and classroom level, and over a year in the ed-tech sector designing and editing curriculum for a startup education company. Designing, examining, and implementing standards-based tasks that are meaningful for both educators and students is one of Monica's passions, and she looks forward to state-wide collaboration to constantly improve and deliver the highest quality of education to

Wyoming residents.



Jill Stringer will be joining the Standards Team of the Accountability Division on September 14th as the new Mathematics Consultant. She earned her B.A. in Elementary Education at the University of Wyoming, an M.Ed. in Educational Leadership from Grand Canyon University, and an M.A. in Mathematics from Northern Colorado University. Jill grew up in WY and began her 22 year teaching career in AZ where she taught HS mathematics. She continued her teaching in Byron, WY and has taught HS and concurrent college math courses for the past 9 years at Powell HS. Jill is passionate about teaching and student learning. She will use her skills and experience to work collaboratively with WY educators to find statewide

success in student achievement, student progress, closing performance gaps, lesson development with motivating pedagogy, and post-secondary readiness.

[Click here to meet the rest of the Standards and Early Childhood Teams.](#)

### In This Issue

- [Standards Updates](#)
- [Register: Writing Professional Learning Opportunity](#)
- [Pre-K CLASS® Training](#)
- [Finding Resources on the WDE Website](#)
- [Standards Review Timeline](#)
- [Statewide PLC on Edmodo](#)
- [PAWS 2016 Information](#)
- [PAWS ELA Tips](#)
- [PAWS Math Tips \(gr. 3-5\)](#)
- [PAWS Math Tips \(gr. 6-8\)](#)
- [ACCESS for ELLs 2.0](#)
- [WFLTA PD Opportunity for Foreign Language Educators](#)
- [WIDA PD Opportunities for ELL Educators](#)
- [PD Opportunity for Early Childhood Educators](#)
- [Meet the Rest of the Team](#)

Throughout this document, blue items are hyperlinked. Click on the above to go directly to that information.

# Standards Updates

WyCPS = WY Content & Performance Standards

**MATH, ELA, and HEALTH** - The 2012 WyCPS were fully implemented in schools by the start of the 2014-15 school year. This included curriculum, instruction, and district assessments. The PAWS test for Math & ELA were fully operational for the 2015 administration, meaning the test was fully aligned with the new 2012 standards.

## REGISTER NOW: Writing Workshop

Using Wyoming's writing prompts, the WDE Standards and Assessment Teams will offer a 2-day professional development workshop. During this session, participants will systematically score and norm student papers in order to inform quality writing instruction.

Participants will first need to administer the selected Wyoming writing prompts (two per grade level) to students and submit writing samples. All writing prompts used MUST have all student names and other personally identifiable information removed to ensure confidentiality. Submit samples and register no later than **November 20, 2015**.

**When: Tues.- Wed. December 8-9, 2015**

**Where: Cheyenne Hathaway Building (2300 Capitol Ave.)**

**Register at: <http://goo.gl/forms/XfFqIQlq7B>**

Math & ELA Performance Level Descriptors were adopted on Dec. 31, 2014 and can be found at:

<http://edu.wyoming.gov/educators/standards/language-arts/>

<http://edu.wyoming.gov/educators/standards/mathematics>

## FOREIGN LANGUAGE and FINE & PERFORMING ARTS -

2013 WyCPS were adopted in November 2013 and should be fully implemented in schools by the beginning of the next school year (2016-17).

[Click here for Annual WY Foreign Language Teachers' Conference Information](#)

## **WY Music Educators Association Conference** Jan. 17-19 at

Cheyenne South HS [http://](http://www.wyomea.org/programs-events/stateconference/)

[www.wyomea.org/programs-events/stateconference/](http://www.wyomea.org/programs-events/stateconference/)

**C&VE, S.S., and P.E.** - 2014 WyCPS were adopted on Dec. 31, 2014 and should be fully aligned and implemented in schools by the beginning of the 2017-18 school year. This includes curriculum, instruction, and district assessments.

**SOCIAL STUDIES** - Please be aware, **W.S. 21-9-102** requires all publicly funded schools in Wyoming to give instruction in state and federal constitutions; satisfactory examination is a prerequisite to graduation.

## **National Geographic Bee**

Each year thousands of schools in the United States participate in the National Geographic Bee using materials prepared by the National Geographic Society. The contest is designed to inspire students to be curious about the world. Schools with students in grades four through eight are eligible for this entertaining and challenging competition. [Click here to learn more about and register your school for the National Geographic Bee.](#) Encourage your students to take the [Daily Quiz](#)

All schools and colleges in this state that are supported in any manner by public funds shall give instruction in the essentials of the United States constitution and the constitution of the state of Wyoming, including the study of and devotion to American institution and ideals, and no student shall receive a high school diploma, associate degree or baccalaureate degree without satisfactorily passing an examination on the principles of the constitution of the United States and the state of Wyoming. The instruction shall be given for at least three (3) years in kindergarten through grade eight (8) and for one (1) year each in the secondary and college grades.

Also, **W.S. 21-9-103** states willful failure on the part of any school or college administrator or instructor to carry out the requirements of W.S. 21-9-102 shall be sufficient cause for the removal of such person from his position.

**The 2014 Social Studies Content Standard 1: Citizenship, Government, and Democracy** includes several benchmarks to assist in teaching both the Wyoming and United States Constitutions. (see table ) →

Information on the Archaeology Fair is on the next page.

Grade Band K-2	Grade Band 3-5	Grade Band 6-8	Grade Band 9-12
SS 2.1.1	SS 5.1.2	SS 8.1.3	SS 12.1.3
	SS 5.1.3	SS 8.1.5	SS 12.1.5
		SS 8.1.6	

## Standards Updates (continued)

**SCIENCE** - The Science Standards Review Committee (SSRC) reconvened this summer, with 21 original committee members (from 2012) and 21 new members added in April. The committee is comprised of Pre-K through 12th grade educators, parents, university/college professors, and community/business members. The SSRC attended an informational Webinar on May 20th, their first 2-day face-to-face meeting on June 15-16 in Casper, and their second 2-day face-to-face meeting on August 11-12 in Riverton. The SSRC agreed, by consensus, to use the Next Generation Science Standards (NGSS) as a foundation to be reviewed, revised, and added to as the committee saw fit, for developing new Wyoming Science Content & Performance Standards. This science standards work is being facilitated by [Mike Cosenza](#), our new Science Consultant who started with the team on December 1st and [Laurie Hernandez](#).

**STE(A)M** The WDE CTE team hosted another successful conference at Sheridan College in early August. The Roadmap to STEM Conference was the 2nd annual conference and will be held annually as a platform to connect Wyoming educators with STEM education resources. Most of the presentation materials and resources from the conference can be accessed through the WDE STEM Ed. Edmodo site.

[Please click](#) here to learn more about signing up on our Edmodo pages for STEM and all content areas.

Please, do not assume by reading this that the NGSS will become our new state science standards, as the review process is still underway and nothing has been approved by the State Board of Education at this time. The **2016 PAWS Science Assessment will still be based on the current 2008 WyCPS for Science**. To keep updated on the progress of the SSRC, [click here](#).

**Extended Standards** for Mathematics and English Language Arts (ELA) were adopted on Dec. 31, 2014. These standards define the essential knowledge and skills that allow students with the most significant cognitive disabilities to achieve high academic expectations. These standards can be found at <http://edu.wyoming.gov/educators/standards/extended-benchmarks/> or you can click on the following links:

- [2014 WY ELA Standards Extensions](#)
- [2014 WY Mathematics Standards Extensions](#)

The **Standards Review Timeline** can be found on the next page. The State Board of Education approved the content review cycles for the next 12 years in order to assist school districts as they plan their curriculum mapping and adoption.

**Early Childhood Resources** can be found at <http://edu.wyoming.gov/educators/standards/early-childhood-readiness/> or you can click on the following links:

- [Wyoming Early Learning Foundations for Children Ages 3-5](#)
- A Resource Guide for [The Early English Language Development Standards](#) 2014 Edition

### Pre-K **CLASS®** Observation Training (on-site) in Casper on September 15th & 16th

During the two day training participants will build an in-depth understanding of the CLASS system and learn to accurately observe and code classrooms using the CLASS observation tools. Explicit instruction and guided practice using authentic classroom videos help those attending prepare to take and pass the CLASS Reliability Test, which follows this training. Those who pass reliability testing are certified to use the CLASS measure in classroom observations for one year.

**Space is limited to 15 individuals.** If you are interested in attending please contact Lachelle Brant, at 307-777-6476 or [lachelle.brant1@wyo.gov](mailto:lachelle.brant1@wyo.gov)

[Click here to get information on a PD Opportunity for Early Childhood Educators](#)

## Archaeology Fair

Interested in a day of family fun celebrating and learning about archaeology?

Wyoming State Parks and Cultural Resources is hosting an Archaeology Fair to coincide with Wyoming Archaeology Month. This event—to be held at the Territorial Prison State Historic Site in Laramie on September 12, 2015 from 10 AM to 3 PM—will showcase Wyoming's rich cultural heritage from prehistory to the present day. The fair will provide a unique and fun hands-on learning experience for all ages. Planned events include flint knapping, atlatl throwing, and pottery making demonstrations, as well as hide painting, cordage making, soapstone carving and more. The fair will also feature the Wind River Dancers, Eastern Shoshone storyteller Willie LeClair, and David Osmundsen demonstrating traditional 19th century blacksmithing. Throughout the fair, attendees will have an opportunity to meet local archaeologists, ask questions, find answers, and get "hands-on" with these experts.

This event is free and open to the public. For more information visit the Office of the Wyoming State Archaeologist Facebook page at <https://www.facebook.com/events/1626132080937897/>

# Finding Resources on the WDE Website

**STANDARDS:** <http://edu.wyoming.gov/educators/standards/>

standards documents and resources for each of the 9 content areas

**STANDARDS REVIEW:** <http://edu.wyoming.gov/educators/standards/standards-review/>

find information about the current Standards Review Process and the Timeline for Upcoming Reviews

The **Standards Review Timeline** (see table below) was adopted by the State Board of Education (SBE) on July 27, 2015. Pursuant to **W.S. 21-2-304(c)** the SBE, not less than once every nine (9) years shall evaluate and review the uniformity and quality of the education program standards imposed under W.S. 21-9-101 and 21-9-102 and the student content and performance standards promulgated under paragraph (a)(iii) of W.S. 21-2-304.

<b>9-Yr Plan for Wyoming Content &amp; Performance Standards (WYCPS) Review</b> <b>Approved by the State Board of Education (SBE) on July 27, 2015</b>												
WYCPS Content Area	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026
SCIENCE	Review Cycle										Review Cycle	
MATH			Review Cycle									
FINE & PERFORMING ARTS					Review Cycle							
HEALTH					Review Cycle							
PHYSICAL EDUCATION					Review Cycle							
LANGUAGE ARTS							Review Cycle					
FOREIGN LANGUAGE							Review Cycle					
SOCIAL STUDIES									Review Cycle			
CAREER & VOCATIONAL ED.									Review Cycle			

**ASSESSMENT:** <http://edu.wyoming.gov/educators/assessment/paws/>

## 2015 PAWS Blueprints

found near the bottom of the page under *Further Reading* and under *PAWS Blueprints*

\*Information specific to the PAWS assessment for math and ELA can be found on the next few pages

## PAWS Released Items

see sample test items, by grade, with data showing student performance

found under *Materials By Grade*

**ACCESS for ELL** - <http://edu.wyoming.gov/educators/assessment/access-ells/>

**Title III / ELL** - <http://edu.wyoming.gov/in-the-classroom/federal-programs/title-iii/>

includes the latest guidebook, federal and state guidance, and instructional links



## Statewide PLC on Edmodo

Last year, we launched a statewide PLC on Edmodo so teachers, coaches, and facilitators can ask questions, share information and resources, and even share lessons and mapping documents that have already been created. There is a wealth of information and documents already out there in our great state, and I know many of you would love to share and receive any help possible. To join our Edmodo group, please go to <https://www.edmodo.com> to create a free account or log in if you already have one.

Once you are logged in, use the appropriate codes found in the green box below to join that group. Feel free to join as many groups as you find beneficial. You can choose to receive either email or text notifications, as well as which types to receive.

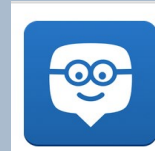
You can also load the app to your phone or device for easy access any time.

### CODES for Edmodo PLC:

Math - y7yz6u  
 Health - pp4gj2  
 Science - 86phy7  
 STEM Ed - 8f4bbp  
 Social Studies - 2q954c  
 Early Childhood - ww9xvr  
 English Learners - 7e47ye  
 Career & Voc. Ed. - zhc48f  
 Foreign Language - rbpzkm  
 Physical Education - 26qs2q  
 Fine & Perform. Arts - qpntu3  
 Afterschool Programs - idm5g6  
 English/Language Arts - cueqay

### Edmodo

Edmodo is a social media site specifically for the education world, created by two district employees in 2008. It is now the #1 social learning network for K-12 in the world and has over 40 million members worldwide.



### How to Sign Up

1. go to <https://www.edmodo.com>
2. Click the blue "Teachers" tab
3. Enter a valid e-mail address
4. Create a password
5. Click the green "Sign Up for Free" button
6. Find Your School (**Wyoming Doe**) & click *next step*
7. Enter your Title, First Name, & Last Name & click *next step*
8. Choose your Grade Level & Subject Area & click *next step*

### WDE Disclaimer for Edmodo PLC:

The WDE has no authority to recommend or endorse curriculum per W.S. 21-2-304(a)(iii). By signing into the Wyoming Statewide PLC through Edmodo, you understand that the WDE is NOT endorsing, providing, or dictating curriculum in any way. You also understand this is a professional group. The purpose of the group is to share and learn from each other in our profession. Any individual making inappropriate posts will be removed from the group. The WDE provides the Edmodo website as a service. While the information contained within the site is periodically updated, no guarantee is given that the information provided by members is correct, complete, and/or up-to-date. Links to third-party sites and the appearance of product or service information does not constitute an endorsement by the WDE. Although this Edmodo site may include links providing direct access to other internet resources, including websites, the WDE is not responsible for the accuracy or content of information contained in these sites.

# Assessment Information for PAWS 2016

The assessment and standards consultants continue to work closely together to ensure a successful administration of the statewide assessment. It is our goal to increase the capacity around statewide assessments and the use of data to improve instruction. Please email or call Jessica Steinbrenner [Jessica.steinbrenner@wyo.gov](mailto:Jessica.steinbrenner@wyo.gov) with any questions.

## Professional Development Schedule:

<b>Sept. 10</b>	Web-Ex: An Introduction to the Lexile Framework for Reading
<b>Sept. 15</b>	Web-Ex: An Introduction to the Quantile Framework for Mathematics
<b>Sept. 17</b>	Web-Ex: Addressing Text Complexity in the Common Core State Standards
<b>Oct. 1-2</b>	Assessment Literacy & Formative Assessment Conference (Green River)
<b>Oct. 2-8</b>	Aspire Trainings
<b>Oct. 12-13</b>	Assessment Literacy & Formative Assessment Conference (Powell)
<b>Oct. 13</b>	Web-Ex: Maximize the Match: Understanding Text Complexity and Reader Ability
<b>Oct. 14-15</b>	Assessment Literacy & Formative Assessment Conference (Buffalo)
<b>Oct. 19-20</b>	Assessment Literacy & Formative Assessment Conference (Casper)
<b>Oct. 21-22</b>	Assessment Literacy & Formative Assessment Conference (Cheyenne)

**Allowable Resources**— The Allowable Resources guidelines have been updated for the 2015-16 test administration. Allowable resources continue to include scratch paper, patty/tracing paper, grid paper, and lined paper. <http://edu.wyoming.gov/download/Allowable-Resources-Guidelines.pdf>

**ELA PAWS Teaching Tips** — The educators at our PAWS Item Review (July 2015) felt the following were important to stress to teachers in preparation for this school year. These topics are found in the standards and should be familiar to students.

**All Grades:** Model reading a passage, looking at the questions and GOING BACK to the text

**Vocabulary / Terminology on PAWS** — Use the specific vocabulary / language of the standards. Test designers often refer to language used in the standards when writing items. So, it is good practice to use and encourage this language with your students. For example, if a Language Art's standard employs the literary term "drama", use this word as frequently as "play", so students are familiar when they see the word "drama" on a test form.

Grades 3-4	Grades 5-6	Grades 7-8
<ul style="list-style-type: none"> <li>Points of View – compare the differences between first person and third person</li> <li>Understand the differences between a line and a stanza</li> <li>Know the elements of figurative language</li> <li>Use quotation marks around titles and headings</li> </ul>	<ul style="list-style-type: none"> <li>Review Story Map Vocabulary/Terms: setting, rising actions, climax, falling action, plot, conflict/problem, and resolution</li> <li>Look at Text Structure within a paragraph and across an entire text: Cause/Effect, Problem/Solution, Compare/Contrast, Order of Importance, Review of Process, (Spatial) Descriptive, Question/Answer, and Definition/Meaning</li> <li>Read, discuss and compare paired texts.</li> <li>Practice sequencing/ordering events after reading a text</li> <li>With poetry, use terms such as: symbolism, repetition, idiom, simile, theme, tone</li> <li>Use the terms "theme" and "message" interchangeably</li> <li>Interchange the terms "main idea" and "central idea" when teaching</li> <li>Study the use and meaning of idioms</li> <li>Study Latin pre, roots and suffixes</li> <li>Practice using/reading dictionary entries for both definitions and parts of speech</li> </ul>	<ul style="list-style-type: none"> <li>Practice close reading of passages and referring back to text</li> <li>Read questions carefully</li> <li>Understand vocabulary words in different context</li> <li>Increase text complexity used in the classroom</li> </ul>

# PAWS Math Teaching Tips (Grades 3-5)

**Math Vocabulary** — The educators at the PAWS Item Review (July 2015) continue to encourage using and building students' understanding of the vocabulary words listed below in preparation for the assessment. These items are found in the standards and should be familiar to students.

3rd Grade Vocabulary	4th Grade Vocabulary	5th Grade Vocabulary
<ul style="list-style-type: none"> <li>Terms of 4 operations (sum, difference, product, quotient)</li> <li>Expression / Equation</li> <li>Terms (the 3rd term in the pattern)</li> <li>Division signs (all including fraction bar)</li> <li>Multiple of vs. multiply by</li> <li>Divisible by</li> <li><math>\square</math> = a number (variable) 3.OA.4</li> </ul>	<ul style="list-style-type: none"> <li>Divisor, Dividend, Quotient, Product</li> <li>Inequality</li> <li>Place Value</li> <li>Multiplicative</li> <li>Equation</li> <li>Term (the 4th term in the pattern)</li> <li>Term number (the number that is the 4th term in the pattern)</li> </ul>	<ul style="list-style-type: none"> <li>Parentheses ( ), Braces { }, &amp; Brackets [ ]</li> <li>Divisor, Dividend, Quotient, Product</li> </ul>

**Math Concepts** — The educators at our PAWS Item Review (July 2014 & 2015) wanted to stress teaching the following concepts in mathematics. It is also recommended to look at the standards in the grade prior to the one you are teaching and to look at the front material at the beginning of the standards' document including the 8 Mathematical Practices.

3rd Grade Concepts	4th Grade Concepts	5th Grade Concepts
<ul style="list-style-type: none"> <li>Number Sentence &amp; Equation (can be used interchangeably)</li> <li>Know multiplication facts (x12) within 100</li> <li>Know how to add with both vertical alignment (seen to the right) and horizontal alignment</li> <li>3.NF.1—items can be set up with fractions that are not a whole (<math>&lt; 1</math>)</li> <li>3.NF.2—Fractions on a number line are not bound between 0 and 1. (i.e. <math>2/3/4</math>)</li> <li>Help students understand that a square or rectangle can be partitioned into 2 equal triangles. (3.G.2)</li> <li>Use number line diagrams to measure time intervals and elapsed time</li> <li>Know and understand all categories of shapes as given in the standards</li> <li>Introduce questions that evaluate 2 different methods for solving a problem and include options for choosing method 1, method 2, neither, or both.</li> <li>Understand the degrees of an angle inside a circle or arc</li> <li>From a number line, be able to recognize mixed numbers</li> <li>3.MD.6—give experience with 'improvised units' (hand spans, stapler lengths...)</li> </ul>	<ul style="list-style-type: none"> <li>Know the metric and standard units of measurement</li> <li>Students should know the equivalents for cups, oz., lbs., qts, gal., in., feet., yards...</li> <li>Know the difference between area and perimeter; know what they mean, not just how to find</li> <li>Be fluent in the standard algorithm for adding and subtracting</li> <li>Understand 'turns through' in 4.MD.5b (<math>1/360</math> of)</li> </ul>	<ul style="list-style-type: none"> <li>Teach multiplication of fractions in a vertical manner</li> <li>Work with students on tables and teach them how to organize and read information.</li> <li>Help students understand that the following are two formats that say the same thing:               <div style="display: flex; justify-content: space-around; margin: 10px 0;"> <div style="text-align: center;"> <math display="block">\begin{array}{r} 12 - 5 \\ 5 \times 4 \end{array}</math> </div> <div style="text-align: center;"> <math display="block">\begin{array}{r} 12 - 5 \\ 20 \quad 20 \end{array}</math> </div> </div> </li> <li>Able to multiply 4 digits by 4 digits</li> <li>Familiar with area model</li> <li>Know the metric and standard units of measurement</li> <li>Students should know the equivalents for cups, oz., lbs., qts, gal., in., feet., yds...</li> <li>Be familiar with justification with 'because reasoning' (e.g. 14 because ...). Students need to understand the justification must also be correct, not just the answer.</li> <li>For place value, emphasize 10 times larger and <math>1/10</math> as large instead of multiply by 10 and divide by 10.</li> </ul>

# PAWS Math Teaching Tips (Grades 6-8)

**Math Vocabulary** — The educators at the PAWS Item Review (July 2015) continue to encourage using and building students' understanding of the vocabulary words listed below in preparation for the assessment. These items are found in the standards and should be familiar to students.

6th Grade Vocabulary	7th Grade Vocabulary	8th Grade Vocabulary
<ul style="list-style-type: none"> <li>• Divisor, Dividend, Quotient, Product</li> <li>• Spent, Deposit, Withdraw, Earned, Donated...</li> <li>• Mean &amp; Median</li> <li>• Interquartile Range (IQR)</li> <li>• Mean Absolute Deviation (MAD)</li> <li>• Variability</li> <li>• Statistical</li> </ul>	<ul style="list-style-type: none"> <li>• Proportional Relationships vs Linear Relationships</li> <li>• Variability</li> <li>• Quotients</li> </ul>	<ul style="list-style-type: none"> <li>• Mean Absolute Deviation (MAD)</li> <li>• Absolute Deviation</li> <li>• Initial Value</li> <li>• Pattern of Association</li> <li>• Bivariate Data</li> </ul>

**Math Concepts** — The educators at our PAWS Item Review (July 2014 & 2015) wanted to stress teaching the following concepts in mathematics. It is also recommended to look at the standards in the grade prior to the one you are teaching and to look at the front material at the beginning of the standards' document including the 8 Mathematical Practices.

6th Grade Concepts	7th Grade Concepts	8th Grade Concepts
<ul style="list-style-type: none"> <li>• 6.NS.5—practice with real-world application</li> <li>• Focus more on Statistics and Probability domain</li> <li>• Students need more experience with box &amp; whisker plots and need to understand the meanings</li> <li>• Know how to find the middle 50% (IQR) Interquartile Range</li> <li>• Give experience with interpreting a graph of constant speed</li> <li>• Practice reading all the way through and noting the possibility of multiple answers</li> <li>• Incorporate your SP standards into your other calculation standards so students have experience with this earlier in the year (low scores in this domain)</li> <li>• Know that the opposite of 0 is 0</li> <li>• Kids need to be able to use number sense to solve (answer) some questions without calculations</li> <li>• Kids need to understand that an inequality has an infinite number of solutions while an equation has only one solution</li> </ul>	<ul style="list-style-type: none"> <li>• <math>-(a/b) = (?a/?b)</math> determine sign placement to make this true</li> <li>• Percent decrease</li> <li>• 7.EE.2</li> <li>• Factoring and expanding in the same problem</li> <li>• Area models with equivalent expressions</li> <li>• Solution set <math>\{ \}</math> (learned in 6th gr.)</li> <li>• Constructions</li> <li>• Quantities (quantities can be both variables and constants )</li> <li>• Problems involving decimals and fractions in them</li> <li>• Factoring (pulling out the negative)</li> </ul>	<ul style="list-style-type: none"> <li>• Add &amp; subtract with scientific notation</li> <li>• Solution of a system of equations (no solution, infinite solution, zero solution)</li> <li>• Quadratic functions (more conceptual than use)</li> <li>• Know sphere &amp; cone formulas</li> <li>• Increasing &amp; decreasing functions</li> <li>• <math>2 &lt; x &lt; 5</math> etc....</li> <li>• Process of taking a root and estimating out to 2 decimal places</li> <li>• Cube roots</li> <li>• Standard form for a system of equations</li> </ul>



## ACCESS FOR ELLs 2.0 ADMINISTRATION DATES (2015-16)

Description	Start Date	End Date
District and School Site File to DRC	9/8/2015	9/8/2015
Test Materials Ordering	10/19/2015	12/4/2015
Pre-ID Files to DRC	11/10/2015	11/10/2015
Online Test Setup	12/18/2015	3/4/2016
Districts Receive Test Material (On or Before)	1/4/2016	1/4/2016
<b>Test Window</b>	<b>1/19/2016</b>	<b>3/4/2016</b>
Additional Test Material Window	1/6/2016	2/26/2016
Districts Pack Completed Test Material	1/20/2015	3/11/2016
Districts Ship Completed Test Material to DRC	1/20/2015	3/11/2016
All Test Material Received at DRC	3/18/2016	3/18/2016
Pre-Reporting Data Validation Window	4/4/2016	4/15/2016
DRC Provides Data File to SEA for Simultaneous Data Validation	4/4/2016	4/15/2016
Districts Receive Reports - Printed and Online (On or Before)	5/2/2016	5/2/2016
Final Data Available to State	5/2/2016	5/2/2016

[Click here  
to go to all  
ACCESS for ELL  
Updates](#)

### What's New for ACCESS for ELLs 2.0?

For all information on the preparation and training resources that will be available throughout 2015-16, please visit the ACCESS for ELLs 2.0 Preparation [Resources](#) webpage. Please note: Registration for the fall webinars is now available. School and district staff can sign up at the link below. These webinars will be recorded and posted to the website for reference.

<https://www.wida.us/assessment/ACCESS20.aspx>

### Wild About World Lan- guages: Para- digm Migration in the Wild West

**October 8-10,  
2015  
Cody, WY  
at the Holiday  
Inn at Buffalo  
Bill Village**

#### 2015 Wyoming Foreign Language Teachers' Association Annual Conference Wild About World Languages: Paradigm Migration in the Wild West

Registration starts soon!  
Don't miss out!  
1<sup>st</sup> Time Attendee: \$180  
Full Time Student: \$75.00  
Conference: \$200



Be sure to nominate a  
Teacher of the Year,  
New Teacher of the  
Year and Friend of  
Foreign language!



Or our homepage:  
[www.wflta.org](http://www.wflta.org)

*Please join us for this year's WFLTA Conference. We will convene in Cody, Wyoming at the Holiday Inn at Buffalo Bill Village on Thursday, Oct. 8 – Saturday, Oct. 10, 2015.*

*Featured presenters include:*  
-Chantal P. Thompson, BYU (OPT Proficiency Training and Familiarization)  
-Martha Sargent Halemba, Ohio Foreign Language Association  
-PNCFL Presenters: Craig Sheehy (TPRS) & Sandy Garcia (Flipped Classrooms)  
-Local Wyoming educators

*Come, get to know your colleagues and become more familiar with our Wyoming standards and the proficiency levels! Unlock the key to success in your classrooms and get your students wanting more language!*

Did you know....  
When you pay dues to WFLTA, you are also paying dues to PNCFL (The Pacific Northwest Council for Languages)? This gives you access to their publication "Lingo." As well, qualifies you to move forward in the nomination process if ever elected as teacher of the year!

Hotel Reservations 307-587-5555 mention WFLTA and code VWF for a room rate of \$115.

Register at <http://2015wflta.ezregister.com>

## 2015-16 WIDA Professional Development

DATES	TOPIC	LOCATION
September 16-17	Collaboration <a href="https://www.surveymonkey.com/s/WIDACheyenne">https://www.surveymonkey.com/s/WIDACheyenne</a>	Cheyenne
September 22-23	Differentiation <a href="https://www.surveymonkey.com/r/WIDAGilletteDIFF">https://www.surveymonkey.com/r/WIDAGilletteDIFF</a>	Gillette
October 13	<b>Extension:</b> Learning in Action Webinar Gillette Workshop	Gillette participants
October 21-22	Differentiation <a href="https://www.surveymonkey.com/r/WIDACODYDIFF">https://www.surveymonkey.com/r/WIDACODYDIFF</a>	Cody
November 10	<b>Extension:</b> Further Exploration of WIDA Tools Webinar Cody Workshop	Cody participants
*November 10-12	Unit Planning <a href="https://www.surveymonkey.com/r/WIDACASPERNov">https://www.surveymonkey.com/r/WIDACASPERNov</a>	Casper
*November 10-12	Unit Planning <a href="https://www.surveymonkey.com/r/WIDAJACKSONNov">https://www.surveymonkey.com/r/WIDAJACKSONNov</a>	Jackson
*April 18-19	Collaboration <a href="https://www.surveymonkey.com/r/WIDACOLLABCasper">https://www.surveymonkey.com/r/WIDACOLLABCasper</a>	Casper
*April 21-22	Collaboration <a href="https://www.surveymonkey.com/r/WIDACOLLABJackson">https://www.surveymonkey.com/r/WIDACOLLABJackson</a>	Jackson

WIDA is now offering extensions to workshops so participants may follow up with their WIDA facilitator after implementing new practices in the classroom. This year the Differentiation workshops in Gillette and Cody will have extension webinars.

\*To build local capacity, WDE is offering Unit Planning in November and as a follow-up, Collaboration in April in the same locations. The goal of these workshops is to have the same teams of teachers attend both workshops thereby building a strong local team for your district.

**Questions:** Robin Holbrook 307-777-5217 or [robin.holbrook@wyo.gov](mailto:robin.holbrook@wyo.gov)

## Professional Training Opportunity for Early Childhood Educators

The following groups, Parents as Teachers, Wyoming Citizen Review Panel, Wyoming Department of Education and Wyoming Department of Family Services, are partnering together to bring **Supporting Care Providers Through Personal Visits** training for early care and education professionals across the state. We are delighted to be able to offer this exceptional training to you from the Parents as Teachers program.

The **Supporting Care Providers Through Personal Visits** training is designed for those who conduct home visits with care providers to mentor, support, and educate through a personal visiting model.

Goals of this training and curriculum;

- To promote the quality of care children receive in child care settings, be the settings family, friend, or neighbor care, or more formal settings such as group homes, family child care, and center based care
- To promote the professionalism of the care provider
- To promote communication between families and care providers by using tools from the curriculum.

This training will enhance knowledge and understanding of:

- approaches and techniques to build partnerships with care providers
- strategies to engage and support child care providers
- terminology, definitions, current trends and issues relevant in the child care world
- strategies that encourage care providers to observe and individualize activities for the children in their care
- cultural sensitivity for various family and care provider value systems

Offers 13 hours of professional development and/or 13 CEU credits. STARS/PTSB

*Funding for this project was provided by the United States Department of Health Resources and Services, Grant D90MC257067.*

*Please note that space is limited to 30 individuals who are currently working in early childhood. If you are interested, please respond as soon as possible. If you have any questions, please contact*

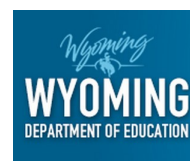
*Jen Davis (307) 632-0032 [jdavis@wycrp.org](mailto:jdavis@wycrp.org)*

***Applications must be emailed by September 10<sup>th</sup>, 2015***

### Supporting Care Providers Through Personal Visits Training Application

The following application must be completed by those who wish to be considered to participate. Individuals chosen to participate must be willing and able to:

- Attend both, full days of training
- Provide feedback on and evaluation on the Training, as well as write a 1 page essay, after the class, on how you plan to implement ideas from the class into your program
- Please note that preference will be given to those individuals that work with both after-school programs and early childhood programs.
- Materials will be provided to you



## Supporting Care Providers Through Personal Visits Training Application

Name\_\_\_\_\_

Mailing Address\_\_\_\_\_

Email Address:\_\_\_\_\_

Phone Number:\_\_\_\_\_

What programs do you work with: (check all that apply)

- ☐ Infant/Toddler
- ☐ 3-5 Year old
- ☐ School District
- ☐ Non Profit
- ☐ Profit
- ☐ Religious

**Please tell us about your current role, and provide a brief description of why you are interested in attending this training.**

**How will you use your knowledge gained to ensure the quality of your program increases?**

**How will your program benefit from the training; Supporting Care Providers Through Personal Visits?**



## Meet the Rest of the Team

### Standards & Early Childhood Contacts

**Laurie Hernandez** 777-3469  
Supervisor of Standards and  
Early Childhood / Math  
[laurie.hernandez@wyo.gov](mailto:laurie.hernandez@wyo.gov)

**Jill Stringer** 777-TBD  
Mathematics / STEM  
[jill.stringer@wyo.gov](mailto:jill.stringer@wyo.gov)

**Monica Mosier** 777-8595  
Language Arts (ELA)  
Fine & Performing Arts  
[monica.mosier@wyo.gov](mailto:monica.mosier@wyo.gov)

**Stephanie Brady** 777-3793  
Social Studies / ELA  
Physical Education  
[stephanie.brady@wyo.gov](mailto:stephanie.brady@wyo.gov)

**Mike Cosenza** 777-5506  
Science / STEM  
Career & Vocational Education  
[mike.cosenza@wyo.gov](mailto:mike.cosenza@wyo.gov)

**Robin Holbrook** 777-5217  
English Learner (EL)  
Foreign Language / Health  
[robin.holbrook@wyo.gov](mailto:robin.holbrook@wyo.gov)

**Lachelle Brant** 777-6476  
Early Childhood / TANF  
[lachelle.brant1@wyo.gov](mailto:lachelle.brant1@wyo.gov)



**Laurie Hernandez** is the Supervisor of Standards and Early Childhood at the WDE. She earned her B.A. in Elementary Education at UW and an M.Ed. in Educational Leadership from Northern Arizona University. Laurie loved being a classroom teacher in Arizona for 14 years where she taught 5th grade and 8th grade students before starting at the Wyoming Department of Education (WDE) in 2010. As a teacher, Laurie challenged her students to be critical thinkers and problem solvers in her science and mathematics classes and wants to continue this work by helping teachers across WY integrate fun and engaging STEM lessons into their classrooms.



**Stephanie Brady** is the Education Consultant for Social Studies and Physical Education at the Wyoming Department of Education (WDE). She also assists the ELA Consultant with Language Arts work and initiatives. Stephanie has seven years of teaching experience at the middle school level. She has taught geography, American history, ancient cultures, and English language arts to fifth through eighth graders. She attended Penn State University and majored in history before also getting her teaching degree. Stephanie has been with the WDE for over three years. While not working, she enjoys travelling to exotic places.



**Mike Cosenza** has been the Education Consultant for Science/STEM and Career & Vocational Education at the Wyoming Department of Education since December 1st. He earned a B.S. in Elementary Education from Eastern Michigan University and an M.Ed. in Science Education from Wayne State University. He spent 11 years as an elementary teacher in the metro Detroit area and specialized in bringing abstract concepts to life for his students using an inquiry-based student-centered approach. Mike was also a K-12 administrator in Ironwood, MI where he increased enrollment and bridged the home/school gap by offering unique learning opportunities to the families and staff of his school community.



**Robin Holbrook** is the Education Consultant for English Learners, Foreign Languages, and Health at the Wyoming Department of Education. Previous to this position, Robin taught reading to at-risk middle school students in Fort Collins, CO. In her current position, Robin coordinates the assessment for English Learners and the Professional Development for educators of English Learners. Robin also facilitates the standards work for Health and Foreign Languages. She lives in Fort Collins with her husband and enjoys free time at her cabin in Wyoming.



**Lachelle Brant** is a former elementary teacher and joined the Wyoming Department of Education (WDE) in 2008. She currently serves as the early learning consultant at the WDE. Lachelle is responsible for overseeing and collaboratively working with local education officials on planning, developing, and implementing early childhood programs in Wyoming.