

education CONNECTION



Northwest Educational
Service District 189

Together We Can

Summer 2013

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Register early!



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Northwest Educational Service District 189

Together We Can

Educational Service Districts have served Washington State for more than forty years, providing vital services and functioning as advocates for local districts. Northwest Educational Service District 189 (NWESD) serves Whatcom, Skagit, Snohomish, Island, and San Juan counties.

NWESD's more than fifty programs are organized into seven departments to serve you: Administration, Fiscal Services, Migrant Education, Prevention Center, Special Programs and Services, Teaching and Learning, and Technology Services. Visit us online at www.nwesd.org for more information on each of these departments.

NWESD Mission

Together We Can... provide leadership and cooperative services to our educational communities to support their efforts to increase the number of students meeting state and local standards.

Clock Hours

For assistance with clock hours, please contact Kristine Juhl at kjuhl@nwesd.org or 360.299.4057.

Fingerprinting

Fingerprinting is available by appointment, Monday through Friday, between the hours of 8:30 a.m. and 3:00 p.m. You must bring photo ID and payment in the form of cash, cashier's check, money order payable to NWESD, debit or credit card (Visa or Mastercard). Call 360.299.4043 for an appointment.



Get the latest workshops and classes online



Quick Class Guide

Date	Course Title	Instructor	Event	Page
EDUCATIONAL TECHNOLOGY (ETSC)				
May 20, 2013	Open Educational Resources (OER)	Berry	30261	18
TEACHING & LEARNING (T&L)				
May 31-Jun 1, 2013	Raising the Standards through Chapter Books: The CIA Approach	Collinge	30243	18
Jul 9, 2013	Analyzing Complex Genres - Teaching Genre Like a Series	Collinge	30249	16
Jul 9-11, 2013	First Steps in Mathematics: Number Teacher Course	Grisham	30234	17
Jul 10, 2013	Vocabulary Instruction for Higher-Level Thinking	Collinge	30245	20
Jul 11, 2013	The CIA Approach in Small Groups & Independent Reading	Collinge	30244	20
Jul 15-17, 2013	Linear and Nonlinear Functions	DePaul	30253	17
Jul 17, 2013	Integrating Knowledge across Reading & Social Studies	Collinge	30248	17
Jul 18-19, 2013	K-2 Number and Operations in Base Ten	DePaul	30252	17
Jul 22-26, 2013	Strategies to Reach Under Resourced Learners	Johnson	30239	18
Jul 30-31, 2013	Engaging Readers in the Reader's Workshop	Sloan	30264	16
Aug 5-9, 2013	Engagement Strategies to Support CCSS: The Dynamic Classroom	Johnson	30240	16
Aug 6-7, 2013	Making Sense of the Writing CCSS	Sloan	30265	18
Aug 7-9, 2013	Vanishing Ice: Exploring the Art and Science	Brewer	30254	20
Aug 12, 2013	Taking Science Outside: Invasive Species	Johnson, Somera	30235	18
Aug 12-15, 2013	Integrating Art and Writing Through Book Arts	Morgan	30242	17
Aug 12-16, 2013	Helping Kids Do the Right Thing: Classroom Management	Johnson	30241	17
Aug 13, 2013	Taking Science Outside: New Plants	Johnson, Somera	30236	19
Aug 14, 2013	Taking Science Outside: Sundials	Johnson, Somera	30237	19
Aug 15, 2013	Taking Science Outside : Water	Johnson, Somera	30238	19



Technology and Education

The need for modern tools

A note from Superintendent Dr. Jerry Jenkins

Recently, at the NWESD Board's direction, the thirty-five member school district superintendents were polled to identify what our districts anticipate facing as their biggest challenges over the next 5-10 years and how the NWESD can provide support. Several items were reported time and time again, many of which related to staff training for Common Core State Standards (CCSS), Teacher Principal Evaluation Project (TPEP), and Early Learning initiatives. We also saw requests for support with technology-specific trends, such as individual student devices and social media. The results of this survey encouraged us to take a look at our current framework and ask, "How can we provide tools and resources to address these issues, with higher efficiency and ready access for our member districts around the region?" Given today's challenge of decreased resources coupled with the ever-changing technological world in which we live, it was not surprising to see support with technology-specific trends surface as common school district challenges. The time is here to find and develop innovative ways to provide accessible tools across the region.

A standing joke around the office is my preference for graphite pencils and paper tablets over something higher-tech such as an iPad, but I'm proud to say that the NWESD staff work diligently to provide the most modern resources and innovative tools for our member districts. Our hope is that we can leverage these resources to reduce training costs to our member districts, both financially and through staff time requirements. Here are a few examples of what we currently have in place.

TPEP-RIG Website – The regional Teacher and Principal Evaluation Program (TPEP) is underway for the second year, with twelve of our districts participating this year. The TPEP

website (library.nwesd.org/tpep) serves as a collaborative space for the TPEP work, housing framework models, eVAL resources, tools created by the participants, and a library of materials used in each TPEP work session. Our hope is that this online workspace will broaden its reach in the next few years, providing a key resource for districts working to implement the systems in their district.

Common Core Implementation – The NWESD Teaching & Learning Department is focused on putting together valuable professional development opportunities for educators in our region, many of which are specifically geared toward Common Core State Standards (CCSS) implementation. We've upgraded our online registration system to make it easier to identify CCSS courses and contracted with high-quality professionals to lead these workshops. You can also find a list of CCSS resources online (library.nwesd.org/ccss) related to specific standards by age group and topic area. Most of these resources are presented as printable PDFs, and we expect this list of tools to grow as more resources become available.

Autism Outreach Project (AOP) – Autism has become the fastest growing disability in America and we are experiencing an increased number of students affected in our schools each year. The AOP office in Anacortes offers support to teachers and families statewide, providing everything from professional development opportunities to educational intervention resources and transition tools – all of which can be found online at nwesd.org/autism. One of the most utilized services through the AOP is a free lending library that provides over 1,500 books, curriculum materials, DVDs, and videos to anyone needing Autism-related support statewide. These

resources can be checked out in person at our office, but we are most excited about the ability to offer the lending library online. Parents and teachers can visit nwesd.org/autism at any time and have the items shipped right to their door. We've found that Autism is the sixth most used search term sending traffic to the NWESD website, so we are very proud of the amount of support this department can provide to schools through this avenue.

Early Learning Literacy Alignment – The NWESD Early Learning Department has been working with David Mattison to lead PreK-3 alignment work in the region for nearly four years. The initial grant for this project was provided by the *Bill and Melinda Gates Foundation*, which allowed us to build an online professional development workspace. The website houses nearly sixty videos focused on reading and writing in an early learning environment, with over 650 individual users in the region. A valuable piece of this project is the ability for educators to take part in professional development through an online system, accessible on their own schedule. We've had a great response from group participants, and receive requests weekly from new districts wanting to participate.

Looking forward, our plan is to broaden the scope of work that is accessible online and create new tools to enrich the systems. Some of our programs are using videos to enhance learning, like the NW ALPS grant and the Migrant Education Program. We are also in the process of upgrading the NWESD website, which will provide more flexibility for content and subscription options to save time and stay informed through Rich Site Summary (RSS) feeds. Within the next year, we hope to launch an online environment for educators to actively collaborate and communicate with their peers.

Technology is providing new opportunities/resources for educators, and has already altered the way we communicate. I want you to know that we are working diligently to stay in front of these trends (at least abreast to them!) and provide accessible, efficient tools in support of member districts. Please think of us when you are challenged, could use assistance, or want to bounce an idea off of another professional. Service is our middle name and we will provide the best support possible. *Together we can...* accomplish so much more.

The time is here to find and develop innovative ways to provide accessible tools across the region.



Regional Classified Employee of the Year

“Working with young people has always been part of my life,” says Lori Oelfke, an instructional assistant at Mount Baker Middle School. “Watching the confidence develop in these students has been the most rewarding aspect of my nine years at Mount Baker Middle School.”

Lori began working at Mount Baker in 2004. Soon afterward, she was collaborating with staff using educational frameworks like the Sheltered Instruction Observation Protocol (SIOP), Professional Learning Communities, and a wide variety of Read180 workshops. “My greatest accomplishment,” said Lori “is working in the reading program to target Tier 3 students to close the achievement gap using Scholastic’s Read180 program.”

The Read180 program uses instructional software, modeled and independent reading, and whole group scaffolded instruction to create Lexile growth for students who struggle in reading. Lori works with seventh and eighth grade students who enter Mount Baker Middle School with elementary level reading scores. The goal of the Read180 program is to raise a student’s Lexile score by 70 Lexile points, or one grade level. At Mount Baker Middle School, however, one grade level is just the beginning. Lori’s team has seen an average of 140 Lexile points in growth amongst their students. Some students have even grown 300 points or more during their time at Mount Baker, an amazing accomplishment for these struggling students.

Success doesn’t come easily, however. “I realized that helping students improve their reading skills meant that I had to make this task personal,” said Lori. And to start, she took each book in the Read180 library home, reading each piece on evenings and weekends. Lori felt she needed to thoroughly understand where her students were coming from when they had questions or needed background information.

Lori then realized that the quizzes that accompany each book did not follow the chronology of the book, making it more difficult for students to pass their quiz. “This was particularly painful for students with the lowest Lexile levels,” she noted. Thinking outside the box, Lori rearranged the quiz questions and had students take the quiz while they were reading the book. This extended the time required for each student to complete their book, but

the students showed increases in comprehension, in addition to feelings of accomplishment.

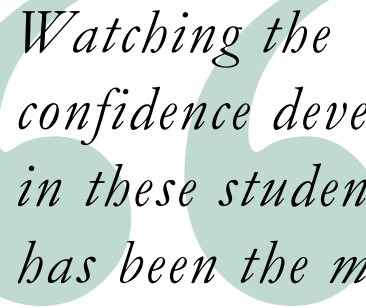
Even though Lori's students eventually outgrow the Read180 library, she doesn't let that slow them down. Once they've moved through the existing library, students will then select their own books. To make them Read180 ready, Lori will check these books out from the local library, read them, and create comprehensive quizzes on her own. This allows her students to take ownership of their reading choices and not feel limited by the Read180 program.

Lori and her team noticed that some students benefit from listening to an audio version of a book while they read along, so she has spent time creating audio versions of some books to provide that option to those who need it. "She is willing to do the hard work of raising student achievement one kid at a time," says Tim Newall, Mount Baker Middle School Principal. "She is the primary reason the [Read180] program is so successful for our kids."

Raising achievement one child at a time isn't just a mantra for Lori, it is a concept she lives every day. Recently, a seventh grade student at Mount Baker received a Lexile score of zero on a computerized test. This student had been in the United States for two years but had not been able to complete a full year of school due to his family's migration requirements. Lori had worked closely with this student and knew that couldn't be an accurate score, so she asked him to retake the test and offered to sit with him while he took it. His retake score was 554. "Sometimes a student just needs to know an adult cares about them and is willing to sit with them to provide encouragement in order to get their best effort," said Lori.

Assistant Principal Julie Sager can't say enough good things about Lori and her contributions to Mount Baker Middle School. "Overall, Lori is quite possibly one of the most valuable assets this school has, and she should be acknowledged as such," she said. "Lori's patience and genuine sense of caring for the well-being of students is quite obvious to all those in contact with her."

Congratulations to Lori, and thank you for all the great work that you do for the students at Mount Baker Middle School. The NWESD is proud to have you represent our region as Classified School Employee of the Year!



Watching the confidence develop in these students has been the most rewarding aspect of my nine years at Mount Baker Middle School.

Washington Achievement Awards

A total of 381 schools received Washington Achievement Awards for 2012. Award-winning schools were notified April 2nd via email by State Superintendent Randy Dorn and State Board of Education Chair Jeff Vincent.

The Washington Achievement Awards, now in their fourth year, are sponsored by the Office of Superintendent of Public Instruction and the State Board of Education. Award winners are selected using the state's Achievement Index and the Elementary and Secondary Education Act (ESEA) Flexibility Waiver.

“We’re thrilled that the Achievement Awards have come to mean so much to schools and districts across the state,” Vincent said. “It’s important to us at the state level to ensure that our work benefits everyone, and the award and index do exactly that.”

Schools are being recognized for being top performers in seven categories:

- Overall Excellence
- Language Arts
- Math
- Science
- Extended Graduation Rate (only awarded to high and comprehensive schools)
- Closing Achievement Gaps
- High Progress (Title I eligible or participating schools only)

This year the Washington Achievement Awards have been combined with the awards and accountability criteria in the ESEA Flexibility Waiver. The “High Progress” category replaces the “Improvement” category from previous years.

State Superintendent Dorn praised this new collaboration. “Schools and communities expect state and federal governments to work together on accountability,” he said. “We’re grateful that the Flexibility Waiver has given us a

chance to align our accountability efforts with the federal government’s expectations. This will streamline both systems over time and provide a better picture of how our schools are doing.”

The award-winning schools were honored during an award ceremony on April 30 at Kentwood High School in Covington, itself an award winner for “Math” and “Closing Achievement Gaps.”

About the awards

Washington’s School Achievement Index rates all schools according to specific outcomes and indicators from 2010 to 2012. The five outcomes are student performance in statewide assessments in reading, writing, math and science tests, as well as the school’s extended graduation rate, which includes those students who took longer than four years to graduate.

Those outcomes are each measured using four indicators:

- achievement of students who are not from low-income families;
- achievement of students who are from low-income families;
- achievement of a school when compared to “peers” (schools with similar student characteristics, such as the percentage of students who have a disability, are learning English, are designated as gifted, come from low-income families, and are mobile); and
- improvement in the achievement of all students combined from the previous year.

The average of the resulting 20 measures comprises the overall index.

Office of Superintendent of Public Instruction. Communications. *381 Schools Win State’s Highest Honor. Office of Superintendent of Public Instruction.*, 2 Apr. 2013. Web. 9 Apr. 2013.

AWARD RECIPIENTS IN THE REGION

Overall Excellence

Elementary

Cascadia (Ferndale)
Cedar Wood (Everett)
Columbia (Bellingham)
Forest View (Everett)
Kent Prairie (Arlington)
Lyman (Sedro-Woolley)
Mill Creek (Everett)
Nooksack (Nooksack)
Odyssey (Mukilteo)
Silver Lake (Everett)
Sunnyland (Bellingham)

Middle & Junior High

Gateway (Everett)
Heatherwood (Everett)

High Schools

Kamiak (Mukilteo)
Comprehensive Schools
Maplewood Parent Cooperative
(Edmonds)
Nooksack Valley High (Nooksack)

Language Arts

Elementary

Cascadia (Ferndale)
Nooksack (Nooksack)

High Schools

Mariner (Mukilteo)

Math

Elementary

Challenge (Edmonds)
Silver Lake (Everett)

Middle & Junior High

Orcas Island (Orcas Island)

High Schools

Kamiak (Mukilteo)
Sehome (Bellingham)
Squalicum (Bellingham)

Science

Elementary

Alderwood (Bellingham)
Carl Cozier (Bellingham)
Central (Ferndale)
Challenge (Edmonds)
Columbia (Bellingham)
Fairmount (Mukilteo)
Fidalgo (Anacortes)
Forest View (Everett)
Jefferson (Everett)
Kent Prairie (Arlington)
Lyman (Sedro-Woolley)
Marysville Coop (Marysville)
Mount Erie (Anacortes)
Nooksack (Nooksack)
Odyssey (Mukilteo)
Silver Beach (Bellingham)
Silver Lake (Everett)
Sultan (Sultan)

Sunnyland (Bellingham)

Woodside (Everett)

Middle & Junior High

Gateway (Everett)
Orcas Island (Orcas Island)

Comprehensive Schools

Maplewood Parent Coop
(Edmonds)

Extended Graduation Rate

High Schools

Glacier Peak (Snohomish)
Lynden (Lynden)
Sedro-Woolley
(Sedro-Woolley)
South Whidbey (South
Whidbey)
Comprehensive Schools
Edmonds Heights K-12
(Edmonds)
Sky Valley Education
Center (Monroe)

Closing Achievement Gaps

Elementary

Brier (Edmonds)
Chase Lake (Edmonds)
Columbia (Mukilteo)
Edmonds (Edmonds)
Hillcrest (Lake Stevens)
Isom (Lynden)
Jefferson (Everett)
Meadowdale (Edmonds)
Seaview (Edmonds)
Sultan (Sultan)
Vossbeck (Lynden)

Middle & Junior High

Marysville (Marysville)
Meadowdale (Edmonds)

High Schools

Lynden (Lynden)

High Progress

Elementary

Chase Lake (Edmonds)
Crescent Harbor (Oak Harbor)
Hazelwood (Edmonds)
Hillcrest (Lake Stevens)
Lyman (Sedro-Woolley)
Silver Lake (Everett)





August 6-7, 2013

Lynnwood Convention Center

www.nwesd.org/startingstrong

WHAT IS STARTING STRONG?

This two-day conference is geared towards Early Learning and K-3rd grade educators, administrators, policy makers, and parents.

The three main conference goals include:

- Increasing connections between early learning and K-12 professionals
- Applying theory to the practices within a P-3 framework
- Presenting information about Washington's early learning priorities, initiatives, and promising practices.

The conference will include breakout sessions focused on P-3 alignment and implementation including WaKIDS, the Early Learning Guidelines and Common Core, community collaboration, and much more!

REGISTRATION NOW OPEN!

Join us August 6th and 7th

Lynnwood Convention Center

\$100 cost per person

Visit us online at nwesd.org/startingstrong to register, or email us at startingstrong@nwesd.org for more information.

Want more Kindergarten content?

FULL DAY KINDERGARTEN SYMPOSIUM

August 5th from 8:00a - 4:00p

\$25 when purchased with conference, \$50 when purchased separately

This one day event, sponsored by Office of the Superintendent of Public Instruction (OSPI), is geared primarily towards teachers and administrators who are, or will be, providing Full Day Kindergarten programming in the upcoming year.

Keynote Speakers



Dr. Dimitri Christakis

Dr. Christakis is the George Adkins Professor of Pediatrics at the University of Washington, Director of the Center for Child Health, Behavior and Development at Seattle Children's Hospital Research Institute, and an attending pediatrician at Children's Hospital in Seattle. He is the author of over 170 original research articles and a textbook of pediatrics. He is also the author of *The Elephant in the Living Room: Make Television Work for your Kids*. (September 2006; Rodale) His laboratory focuses on early environmental influences on child health and development and has been featured on Anderson Cooper 360, the Today Show, ABC, NBC, and CBS news as well as all major national newspapers. He speaks frequently to national and international audiences of pediatricians, parents, and educators.



Associate Professor Nonie Lesaux, Harvard

Nonie Lesaux is a professor of education at the Harvard Graduate School of Education. Lesaux leads a research program that focuses on increasing opportunities to learn for students from diverse linguistic, cultural, and economic backgrounds in today's classrooms. Her research on reading and vocabulary development, and instructional strategies to prevent reading difficulties has implications for practitioners, researchers, and policymakers. Lesaux's research, conducted in five large school districts in the United States, is supported by research grants from several organizations, including the Institute for Education Sciences and the Eunice Kennedy Shriver National Institute for Child Health and Human Development. In 2007, Lesaux was named one of five WT Grant scholars, earning a \$350,000 five-year award from the WT Grant Foundation in support of her research on English language learners in urban public schools. Lesaux is also a recipient of the Presidential Early Career Awards for Scientists and Engineers, the highest honor given by the United States government to young professionals beginning their independent research careers.

JOIN US ONLINE!

Secure Registration
Featured Presenters
Breakout Sessions
Accommodations

nwesd.org/startingstrong



Brent Kline Named Washington High School Principal of the Year



The Association of Washington School Principals has announced that Brent Kline, the principal of Mariner High School, has been selected to receive the High School Principal of the Year honor for the state of Washington and is now being considered to become the high school principal of the year for the entire country. Last November, he became one of 38 nominees for the award by virtue of being selected as the WESCO 3A/4A Conference High School

Principal of the Year for 2012 and was later selected for the state honor from a group of seven finalists.

Kline started as principal of Mariner in 2003 and is now the school's longest-serving principal. When he took over, he began a focus that embraced academic improvement in all content areas and started a concept of authentic literacy using the motto: "Literacy is Power and Freedom." He hired three reading teachers to work with the lowest achieving students and implemented professional development for staff that emphasizes the importance of reading across the curriculum. Staff and students still pause each day for 20 minutes of sustained silent reading.

The result has been a noticeable increase in academic achievement in language arts. In the past 10 years, student achievement in state assessments has increased from 52 percent meeting standard to 79.5 percent meeting standard. The change has been seen in writing as well, where the number of students meeting standard has increased from 55 percent 10 years ago to 89 percent.

During the last few years, Kline has also led a focus on mathematics by implementing interventions that include daily collaboration among math teachers and an after-school program that requires the attendance of students who are not meeting standard. Ten years ago, only 28 percent of Mariner students met the state standard in math; today that has increased to 75 percent.

That improvement played a huge role in the fact that Mariner last year received both the School of Distinction Award in

reading and mathematics and the Washington Achievement Award in language arts. Mariner also received the Washington Achievement Award in 2009 for the school's improved graduation rate.

One of Kline's most outstanding accomplishments has been his efforts to lead Mariner into becoming a true community of learners. All teachers are members of both content and cross-content professional learning communities that focus solely on effective teaching and learning strategies. Interacting with students is also a huge priority in his daily work. You'll often find him in the hallway asking students about what they are learning, how their learning is complementing their future goals, and what their impression is of the school environment.

Another testament to Kline's work at Mariner was provided by Carol Coe of the Office of the Superintendent of Public Instruction, who visited Mariner in October. "I felt the energy when I first arrived," she wrote. "Seeing the 'Literacy is Power and Freedom' added to my first positive impressions. Honestly, I wish every person who complains about the decline of American education could spend a day, as I did, at Mariner High School. They would leave with a changed perspective."

The Association of Washington School Principals will honor Kline and the elementary and middle school principals of the year at a joint educators conference to be held in October. Meanwhile, all three winners will advance to their respective grade-level national competitions and celebrations.

As the state's high school principal of the year, Kline now becomes eligible for the 2013 National Principals of the Year award. The program, sponsored by MetLife and the National Association of Secondary School Principals, annually recognizes outstanding middle school and high school principals. From the state winners, six finalists (three middle level and three high school level) will compete for the award in Washington, D.C., later this year.

Mukilteo School District. Communications. *Brent Kline Named the States High School Principal of the Year*. Mukilteo School District., 11 Mar. 2013. Web. 9 Apr. 2013.

Cavelero Robotics Club

sweeping competitions, gearing up for world domination

The average person would define Wookies as tall, hairy humanoids from the Star Wars fictional universe. In Lake Stevens, “The Wookies” are an award-winning robotics team from Cavelero Mid High School. Made up of three freshmen—Jonah Hanson, Jacob Sasse and Jason Allen—The Wookies are sweeping robotics competitions on a local, state and national level.

Most recently, The Wookies took second place out of 60 teams at the Western Washington VEX Robotics Competition Championship with help from the “If it Fits it Ships” team, made up of freshmen Tyler VanBrocklin and Chris Forbes and eighth-grader Luc Violette. The win earned The Wookies an automatic spot at the 2013 VEX Robotics High School World Championship, April 17-20 in Anaheim, Calif.

“I love to build and explore what different combinations of parts do,” said Hanson. “I definitely want to continue studying engineering through high school and college and pursue a career in this field.”

“Exploring different ways to accomplish routine tasks with technology fascinates me,” added Allen.

The Cavelero Mid High School Engineering Club meets twice a week with a focus on building robots to compete in a game called Sack Attack. VEX Sack Attack is played on a 12’x12’ square field. Two alliances—one “red” and one “blue”—composed of two teams each, compete in matches consisting of a 15 second autonomous period followed by 1:45 of driver-controlled play. The object of the game is to attain a higher score than the opposing alliance by scoring “sacks” and “bonus sacks” with bean bags in your colored floor goals, troughs and high goal, and by having the most robots of your color parked at the end of the match.

VEX creates a game each year, in collaboration with the Technology Student Association and Project Lead the Way. Student teams across the country build robots to complete the game and compete with one another.

The rules are outlined in July, and teams have the opportunity to compete regionally and qualify for the state, national and world competitions.

The Wookies and their fellow club members don’t work alone. The club is coached by a dedicated group of Cavelero teachers—Jeff Lynass, Will Fredin and Michael McGrath.

“The students are having fun, but they’re also using important skills from their Principles of Engineering, Manufacturing Technology and Gateways to Technology classes.”

An enthusiastic pair of volunteers from Electroimpact also advised club members for more than two months.

“It was fun to see the kids really getting involved in problem solving, critical thinking and engineering solutions to fit the problem,” said Paul Thompson, a project manager from Electroimpact and parent of a former Cavelero student. “This field is important to me, because I believe that a strong science education can start early. I think it’s key to have many clubs in high school so kids can decide early what they are interested in.”

Jesse Roberts, an electrical engineer from Electroimpact, also volunteered with the club.

Lake Stevens School District. Communications. *Cavelero Robotics Club Sweeping Competitions, Gearing up for World Domination*. Print.



“The Wookies” and “If it Fits it Ships” take a moment to celebrate with their coaches following their 2nd place win at the Western Washington VEX Robotics Competition

SCIENCE

Think Outside the Classroom

There are many compelling reasons to move science learning outside of the classroom. The world outside the school is exciting and inspiring, full of rich experiences and thought-provoking activities. Students can sample the water in a local stream, build a sundial to measure shadow movements on the playground, interact with engineers on a field trip, or learn scientific drawing techniques from local artists...the possibilities are endless when you open your classroom doors! Not only are students interested and motivated by opportunities to connect and apply their learning to the world beyond the school walls, but moving out of the classroom enhances academic achievement and builds analytical and creative thinking skills.

When children are given the opportunity to apply scientific concepts in new settings, they gain a deeper understanding of those concepts. Ecosystem dynamics are brilliantly illustrated by a study of local invasive crayfish. The water cycle comes alive as students trace the path of their own drinking water through the community water treatment plant. Data collection techniques are put to use as students collect and analyze the plants on their playgrounds. Real world experiences make science come alive.

Community based science activities also foster collaboration, cooperation and civic responsibility: skills critical to success. Expanding your science lessons to include activities that occur beyond the classroom opens up a set of powerful learning experiences that will enhance your teaching and inspire your students. And most importantly, it is fun for all involved!

This summer the NWESD has partnered with a number of organizations in our community to bring a series of exciting and inspiring professional development opportunities. Each is designed to help you find ways to connect your classroom science learning to the community, and to the natural world. So grab your boots, your binoculars, and your sense of adventure and join us as we explore science outside the classroom.

Taking Science Outside: Invasive Species

August 12, 2013 - see page 18

a free workshop!

Taking Science Outside: New Plants

August 13, 2013 - see page 19

a free workshop!

Taking Science Outside: Sundials

August 14, 2013 - see page 19

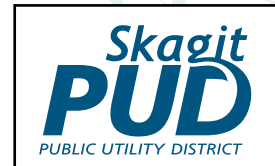
Taking Science Outside: Water

August 15, 2013 - see page 19

a free workshop!



Free workshops sponsored by:



Workshops and Classes

Analyzing Complex Genres - Teaching Genre Like a Series

Event ID: 30249

The Common Core State Standards (CCSS) communicate the need to increase student accessibility to complex genres. Sarah Collinge will help participants analyze genres to determine predictable elements within each. She uncovers key teaching strategies that, when implemented, increase success and confidence as students broaden their reading interests. Please bring a text you would like to analyze during the class.

Presenter(s): Sarah Collinge

Facilitator: Anita Garcia-Holzemer

Clock Hours: 6

Registration Fee: \$85

Location: Everett Community College
Gray Wolf Hall

Date/Time(s): July 9, 2013

8:30 AM - 3:30 PM

Engagement Strategies to Support CCSS: The Dynamic Classroom

Event ID: 30240

Engage students with research-based, novel brain-based strategies that capture student attention and lead to higher-level thinking processes that are promoted by the goals of the Common Core State Standards (CCSS). Learn about the 16 most powerful motivators for student learners from Marzano's *The Highly Engaged Classroom*, and learn what kind of feedback is most appreciated and helpful.

Presenter(s): Mary Ann Johnson

Facilitator: Anita Garcia-Holzemer

Clock Hours: 30

Registration Fee: \$355

Location: Everett Public Schools District
North Middle School Library

Date/Time(s): August 5 - 9, 2013

8:30 AM - 3:30 PM

Engaging Readers in the Reader's Workshop

Event ID: 30264

In this class, participants will learn ways to teach the Common Core State Standards (CCSS) in a reader's workshop environment. Ideas for implementing a reader's workshop in your classroom will be shared. Specific examples and lessons for setting up an environment that encourages real reading and writing will be demonstrated. A sample schedule and ideas for organizing time will be shown, as well as lessons for teaching the Foundational Skills, as well as the Standards for Literature and Informational Text, as listed in the CCSS. Specific examples for assessing readers and setting goals for each student will be a focus, as will the importance of choice.

Presenter(s): Megan Sloan

Facilitator: Anita Garcia-Holzemer

Clock Hours: 10

Registration Fee: \$140

Location: Everett Community College
Gray Wolf Hall

Date/Time(s): July 30 & 31, 2013

9:00 AM - 3:00 PM

Register Early!

Events not meeting minimum enrollment by the cut-off date, generally one week prior to start date, risk cancellation at the discretion of the organizer.



First Steps in Mathematics: Number Teacher Course

Event ID: 30234

Learn to make effective use of the *First Steps in Mathematics: Number* materials in your classroom with this hands-on, three-day course. Teachers will have time to discuss and explore crucial aspects of the Key Mathematical Understandings outlined in each resource book and explore the Diagnostic Map and Diagnostic Tasks used to identify students' misconceptions about mathematics. Course material (*Number* books volume 1 & 2, overview & course book) included in registration fee.

Presenter(s): Jeanette Grisham
Facilitator: Nancy Menard
Clock Hours: 18
Registration Fee: \$25
Location: NWESD - Garrison Bay
Date/Time(s): July 9 - 11, 2013
8:30 AM - 3:30 PM

Helping Kids Do the Right Thing: Classroom Management That Works

Event ID: 30241

Based on *Classroom Management That Works*, the powerful book by Robert Marzano, this course provides both prescriptive information and the action steps needed to make the practices work. We will focus on solving special problems which arise with technology, as well as problems suggested by participants.

Required Reading: *Classroom Management That Works, Research-Based Strategies for Every Teacher* by Robert J. Marzano with Jana Marzano and Debra Pickering, ASCD, 2003.

Presenter(s): Mary Ann Johnson
Facilitator: Anita Garcia-Holzemer
Clock Hours: 30
Registration Fee: \$355
Location: Everett Public Schools District
North Middle School Library
Date/Time(s): August 12 - 16, 2013
8:30 AM - 3:30 PM

Integrating Art and Writing through Book Arts

Event ID: 30242

Designed for the generalist teacher, this course focuses on teaching specific learning outcomes in art and writing, using book-making activities as a vehicle for learning. Course projects will be developmentally appropriate across the K-8 spectrum, but could be used and adapted for high school levels. Teachers will increase their knowledge of how to integrate art and writing through the publication of student work.

Presenter(s): Ann Morgan
Facilitator: Anita Garcia-Holzemer
Clock Hours: 20
Registration Fee: \$225
Location: Everett Public Schools District
Cascade High School, Rm 432
Date/Time(s): August 12 - 15, 2013
11:00 AM - 4:00 PM

Integrating Knowledge across Reading & Social Studies

Event ID: 30248

The Common Core State Standards (CCSS) call for the integration of knowledge and ideas across texts of similar themes and topics. This class will look at connecting reading and social studies to increase student motivation and success. Texts studies will include *Children of the Gold Rush* and *Aurora of the Yukon*. Topic focus: Klondike Gold Rush

Presenter(s): Sarah Collinge
Facilitator: Anita Garcia-Holzemer
Clock Hours: 3
Registration Fee: \$50
Location: Klondike Museum
Date/Time(s): July 17, 2013
9:30 AM - 12:30 PM

K-2 Number and Operations in Base Ten

Event ID: 30252

This workshop is intended for K-2 teachers, coaches, and support staff to better understand the mathematics of the Common Core State Standards (CCSS) for the domain Number and Operations in Base Ten and how best to help students achieve them. Standards will be broken down into the critical concepts needed for students and how they come to understand the concepts developmentally. Participants will become familiar with key indicators for assessing student understanding and methods for monitoring progress. Participants will leave with ideas for lessons and activities to help students develop the critical concepts.

Presenter(s): Debi DePaul
Facilitator: Nancy Menard
Clock Hours: 12
Registration Fee: \$150
Location: NWESD - Garrison Bay
Date/Time(s): July 18 & 19, 2013
8:30 AM - 3:30 PM

Linear and Nonlinear Functions

Event ID: 30253

Participants will engage in mathematical situations that involve linear and nonlinear relationships and will determine the Common Core State Standards (CCSS) addressed. Participants consider strategies for implementing and teaching the problems used in the workshop in their own classrooms. Topics include linear and nonlinear regressions, recursive versus explicit definitions, representations of relationships (i.e. graphic, algebraic, numeric, and situational), domain and range, transformations, roots and intercepts.

Note: This workshop is intended for participants who already know how to use a TI-84 graphing calculator or similar.

Presenter(s): Debi DePaul
Facilitator: Nancy Menard
Clock Hours: 18
Registration Fee: \$225
Location: NWESD - Garrison Bay
Date/Time(s): July 15 - 17, 2013
8:30 AM - 3:30 PM

Making Sense of the Writing CCSS

Event ID: 30265

Writing has always been a challenging subject to teach. Enter the Common Core State Standards (CCSS), and now it can seem to be an insurmountable feat. In this class, the instructors will distill these fears. They will review the Writing CCSS across grade levels and share practical ideas for teaching to these standards using research-based strategies. Participants will learn about setting up an environment, which encourages a range of writing across the content areas. The instructors will share ways to build writing skills as students learn to write narrative, opinion/argumentative and informative pieces. Participants will engage in short and long term planning for teaching writing.

Presenter(s): Megan Sloan and Barry Hoonan

Facilitator: Anita Garcia-Holzemer

Clock Hours: 10

Registration Fee: \$140

Location: Everett Community College
Gray Wolf Hall

Date/Time(s): August 6 & 7, 2013

9:00 AM - 3:00 PM

Raising the Standards through Chapter Books: The CIA Approach

Event ID: 30243

In this class, Sarah Collinge illustrates a process for engaging students in longer, more complex texts: The CIA Approach (Collect, Interpret, and Apply). Topics covered in this session include listening comprehension, vocabulary, oral and written response, formal writing, on-going assessment, and state testing. This workshop speaks to administrators, specialists, and teachers who desire to increase test scores by aligning literacy practices with current research.

Presenter(s): Sarah Collinge

Facilitator: Anita Garcia-Holzemer

Clock Hours: 10

Registration Fee: \$140

Location: Everett Community College
Gray Wolf Hall

Date/Time(s):

May 31, 2013, 4:30 PM - 7:30 PM

June 1, 2013, 8:30 AM - 4:30 PM

Strategies to Reach Under-Resourced Learners

Event ID: 30239

Learn ways students can be under-resourced, and learn how to work with students who come without some essential needs being met. Discover strategies to boost students' achievement, improve their school experience, reduce their stress, and build a more successful and enriched environment for yourself, your students, and their families.

Presenter(s): Mary Ann Johnson

Facilitator: Anita Garcia-Holzemer

Clock Hours: 30

Registration Fee: \$355

Location: Everett Public Schools District
North Middle School Library

Date/Time(s): July 22 - 26, 2013

8:30 AM - 3:30 PM

Taking Science Outside: Invasive Species

Event ID: 30235

Washington State elementary teachers of science embraced the use of crayfish in our science classrooms. What happened when some of those critters escaped into our streams and rivers. Developed with funding from the Environmental Protection Agency (EPA), this class will help you teach your students about invasive species and their impact on our local environment.

Materials fee payable to NWESD (\$10) at class (cash or check).

Note: There is only one fee for materials whether you are taking one or more workshops in the Taking Science Outside series.

Registration fee provided by Washington State LASER with funding from the EPA.

Presenter(s): Joanne Johnson and Adrienne Somera

Facilitator: Nancy Menard

Clock Hours: 5

Registration Fee: No fee

Location: Padilla Bay National Estuarine Research Reserve

Date/Time(s): August 12, 2013

9:00 AM - 3:00 PM

Educational Technology Support Center

Open Educational Resources (OER)

Event ID: 30261

Explore the possibilities of Open Education Resources (OER)! These are free and openly licensed educational materials that can be used for teaching, learning, and research.

The Office of the Superintendent of Public Instruction has a legislative directive to create a collection of openly licensed courseware aligned to the Common Core State Standards (CCSS). This workshop is part of a series of awareness campaigns to inform school districts about these resources and how they can be reviewed and aligned to implement in the K-12 classroom to teach CCSS.

Presenter(s): Barbara Soots and Geoff Fletcher

Facilitator: Louise Berry

Clock Hours: 4.5

Registration Fee: No fee

Location: NWESD - Reid Harbor

Date/Time(s): May 20, 2013

9:00 AM - 2:00 PM

Taking Science Outside: New Plants

Event ID: 30236

Are your students curious about plants? Using funding from the Environmental Protection Agency (EPA), lessons have been developed which bring children into the outdoors to experience plant development across the seasons. Learn how to share these lessons with your students.

Materials fee payable to NWESD (\$10) at class (cash or check).

Note: There is only one fee for materials whether you are taking one or more workshops in the Taking Science Outside series.

Registration fee provided by Washington State LASER with funding from the EPA.

Presenter(s): Joanne Johnson and Adrienne Somera

Facilitator: Nancy Menard

Clock Hours: 5

Registration Fee: No fee

Location: Padilla Bay National Estuarine Research Reserve

Date/Time(s): August 13, 2013

9:00 AM - 3:00 PM

Taking Science Outside: Sundials

Event ID: 30237

Looking for a way to bring the science of the seasons to life for your students? Spend some time with sundials. Create a sundial outdoors and learn how to create one for your school. If the sun is shining, experience the warmth on your shoulders and consider our own misconceptions about the movement of the earth around the sun and the passing of the seasons.

Materials fee payable to NWESD (\$10) at class (cash or check).

Note: There is only one fee for materials whether you are taking one or more workshops in the Taking Science Outside series.

Presenter(s): Joanne Johnson and Adrienne Somera

Facilitator: Nancy Menard

Clock Hours: 5

Registration Fee: \$60

Location: Padilla Bay National Estuarine Research Reserve

Date/Time(s): August 14, 2013

9:00 AM - 3:00 PM

Taking Science Outside: Water

Event ID: 30238

Clean drinking water is germane to our quality of life. Partnering with Skagit PUD, join us to learn about water treatment and water quality in our local environment. We will visit Skagit PUD's Judy Reservoir, Water Treatment Plant, and Cultus Mountain watershed to learn from their water distribution team who keep our water supply pure.

Materials fee payable to NWESD (\$10) at class (cash or check).

Note: There is only one fee for materials whether you are taking one or more workshops in the Taking Science Outside series.

Registration fee provided by WA State LASER with funding from the Skagit Public Utility District.

Presenter(s): Joanne Johnson and Adrienne Somera

Facilitator: Nancy Menard

Clock Hours: 5

Registration Fee: No fee

Location: Skagit Public Utility District

Date/Time(s): August 15, 2013

9:00 AM - 3:00 PM

Ready for Common Core State Standards and Smarter Balanced Assessments?

Implemented in 2014-15

NWESD is here to help your teachers and school/district leaders deeply understand and begin to implement the CCSS, offering professional development for teachers from a variety of grade levels and content areas.

Know that your time in these sessions will allow you to consider the new expectations and discover methods for beginning to use them in your context.



The CIA Approach in Small Groups & Independent Reading

Event ID: 30244

This workshop demonstrates how to transfer the Collect, Interpret, and Apply (CIA) process into small groups and independent reading. Sarah Collinge shares classroom-tested strategies that are manageable and appropriate for students' varied levels of readiness. This workshop addresses the following topics: how to place students in appropriate groupings, how to manage small groups, how to engage readers in authentic response opportunities, and how to practice on-going assessment. In addition, Sarah provides recommended text selections for small groups that pair with the CIA Units of Study. This workshop is appropriate for literacy teachers and specialists who desire to know how best to meet the needs of diverse learners within the classroom. Methods of instruction will include lecture, small and whole group discussion, video presentation, analysis of student work samples, participation, and reflection.

Presenter(s): Sarah Collinge

Facilitator: Anita Garcia-Holzemer

Clock Hours: 6

Registration Fee: \$85

Location: Everett Community College
Gray Wolf Hall

Date/Time(s): July 11, 2013

8:30 AM - 3:30 PM

Vanishing Ice: Exploring the Art and Science

Event ID: 30254

How fast and why are ice ecosystems vanishing? What does current research say about future climate change impacts? Take this unique opportunity to gain current information about climate science from expert scientists and learn how visual teaching techniques support meaningful climate lessons. Explore the Whatcom Museum exhibit *Vanishing Ice* with Chris Brewer and discover its classroom applications. Join Chris and expeditionary artist Maria Coryell-Martin as they teach visual techniques for scientific observation and learning: phenology, observational drawing, nature journaling and ecological manipulative(s). You will gain hands-on tools to use immediately for impactful learning.

Presenter(s): Chris Brewer

Facilitator: Nancy Menard

Clock Hours: 20

Registration Fee: \$225

Location: Whatcom Museum

Date/Time(s):

August 7 & 8, 2013 9:00 AM – 4:30 PM

August 9, 2013 9:00 AM – 5:00 PM

Vocabulary Instruction for Higher-Level Thinking

Event ID: 30245

The Common Core State Standards (CCSS) require a shift toward the use of more complex text and higher-level vocabulary. In this workshop, Sarah Collinge shares strategies for increasing vocabulary acquisition, reducing the cognitive weight of the text, and uncovering the author's message or theme. Sarah offers a routine for vocabulary instruction that focuses on teaching key repeated words and word contrasts. In addition, she provides strategies for teaching morphemes and incorporating word study routines across the school day.

Presenter(s): Sarah Collinge

Facilitator: Anita Garcia-Holzemer

Clock Hours: 6

Registration Fee: \$85

Location: Everett Community College
Gray Wolf Hall

Date/Time(s): July 10, 2013

8:30 AM - 3:30 PM

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Woodside Elementary Principal earns \$5,000 LASER Award



Washington State Leadership and Assistance for Science Education Reform (LASER) selected just five recipients for its annual Science Education Advocate Award. Two of those recipients have Everett connections. One is Dr. Betty Cobbs, long-time school district leader

who is now principal at Woodside Elementary. The other recipient and only organization on the winners' list is Imagine! Children's Museum in downtown Everett.

Thanks to the Boeing Company, each of the state's five winners has earned \$5,000 to be given to the not-for-profit public education entity of their choice to use to benefit science education. Dr. Cobbs has chosen to award her \$5,000 to Woodside Elementary School's PTA. When asked why she chose that group, Cobbs explained, "PTA advocates for the well-being and education of all students. In addition, the Woodside PTA provides enrichment resources for our students. The funds will be reserved for expanding the library collection of non-fiction science books for students in kindergarten through fifth grade."

The emphasis on science at Woodside and across the district is increasingly making a difference as evidenced in the LASER award and just-announced state awards for schools. Early in April the Office of the Superintendent of Public Instruction announced the Washington Schools of Achievement awards. Woodside was one of eight schools in the district to earn this award, based upon student achievement in 2012. Not coincidentally, the Woodside award was earned because of science achievement – one of seven categories possible in the Schools of Achievement award.

Cobbs' life-long passion for each student's learning and for science education is well-known in the district. In her early

years as a teacher, she was the science resource teacher for her grade level. That experience of planning and teaching science for each class stayed with her as she became a school principal. "Kids love science," she declares and believes, "Early experiences in science help develop problem-solving skills that empower students to participate in an increasingly scientific and technological world."

"Science must be available to each student at each school," Cobbs believes. "Teaching science at Woodside is not an 'option,'" she emphasizes. Science instruction is part of every classroom from kindergarten through fifth grade. Teachers work in collegial teams across subject areas and grade levels to create common assessments, develop teaching strategies, design supplemental instruction and enrichment activities.

The Woodside staff has its science act together, and they involve the community as well. The Boeing Company is a partner helping to fund after-school science and math learning experiences for fourth and fifth graders. Woodside students enjoy an after-school Science Academy that focuses on math, science and writing. Woodside staff sought out a neighboring school's staff to learn what that school was doing to get 98 percentile science test results. "This action brought the two schools together, enabling teachers to break down barriers that often exist between schools that differ in demographics, socio-economic levels and beliefs that high achievement levels are based on socio-economic levels and family background," Cobbs explains.

"Yes, science is alive and well at Woodside," smiles Cobbs. If you wander the library shelves, you will find non-fiction science books (when those popular volumes are not checked out by students). "We added these books to encourage students to read science materials, improve vocabulary and build students' informational literacy skills." You will also know you are in a science school because of the many science-oriented assemblies, classroom workshops, lab experiences, after school programs, partnerships, community/school projects, guest speakers and field trips. A special highlight each year is an evening K-5 science fair, open to the public.

Everett Public Schools. Communications. *Woodside Elementary Principal Dr. Betty Cobbs Earns \$5,000 LASER Award*. Everett: Everett Public Schools, 2013. Print.



Northwest Educational Service District (NWESD) Course Registration Form

Online: Register online at www.nwesd.org with a purchase order or credit card.

Mail-in: Mail registration form with check (payable to NWESD), purchase order, or credit card information to NWESD, 1601 R Avenue, Anacortes, WA 98221.

Fax: Fax registration form with purchase order or credit card information to 360-299-4070.

Register early - class sizes are limited. Classes not meeting minimum enrollment may be canceled.

Cancellations must be received in writing no later than two working days prior to the course to receive refund. A \$20 administrative fee will be assessed.

Clock hours and college credit are available if indicated under individual course descriptions. Payment and application for clock hours and college credit will occur at the end of the course session. Please do not send payment for clock hours or college credit with registration.

For registration information/assistance call 360-299-4016 or email registrar@nwesd.org.

Name (First, MI, Last)			Email Address (required)		
Home Address				Home Phone	
City	State	Zip	Work Phone		
District/Company			Position		
School/Building				Grade	

Course Number	Course Title	Start Date	Course Fee

Video Conference Location (if applicable)	Total Fee \$
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Using your credit card or an approved purchase order, you can register for any NWESD class ONLINE!

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Registrar, NWESD
1601 R Avenue
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Fax the registration form with credit card or purchase order information to:
360.299.4070.

Course Facilitators are available for questions about each course

Autism Outreach Project

Patty Yates, 360.299.4015
pyates@nwesd.org

Prevention Center

Jane Morgan, 360.299.4066
jmorgan@nwesd.org

Special Programs and Services

Kristi Gunerius, 360.299.4011
kgunerius@nwesd.org

Teaching & Learning (T&L)

Anita Garcia-Holzemer, 360.299.4044
agarcia@nwesd.org

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nmenard@nwesd.org

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