CHEHALIS SCHOOL DISTRICT

THE LEARNING NETWORK

LEARNERS TODAY. LEADERS TOMORROW. SPRING 2017

www.chehalisschools.org | 310 SW 16th Street, Chehalis, WA 98532 | (360) 807-7200 | Fax: (360) 748-8899

A message from Superintendent Rothlin

New school construction image captured via drone thanks to Olympic Elementary Hi-Cap students.
See more at www.ChehalisSchools.org/new-school-updates.

Dear Chehalis Patrons:

It's hard to believe the 2016-2017 school year is over. Another class of students will graduate and move on to careers and/or college and a new class of kindergarteners will start their journey through our schools.

This edition of "The Learning Network" highlights just a few of the many things that went on this year in our schools and with our students.

No doubt everyone has noticed that construction of our new elementary schools (James W. Lintott Primary School and Orin C. Smith Intermediate School) and the W.F. West High School STEM wing is well underway. We invite you to go to the Chehalis School District website (www.chehalisschools.org) to view the live webcam and drone videos as construction continues throughout the summer.

Also this summer, R.E. Bennett and Olympic Elementary Schools will feature summer library hours with the opportunity for students to check out books and take Accelerated Reader tests.

We are also featuring a summer math academy at Chehalis Middle School. Classroom learning is made fun during four modules with different themes. Each module ends with an exciting field trip where students will apply the math skills learned in class. Details are shown in the right column under "Summer Activities."

Sincerely,

Ed Rothlin, Superintendent

Construction is well underway for the new STEM wing and elementary schools in Chehalis.

Summer Activities

SUMMER LIBRARY

Grades K-3 @ R.E. Bennett Elementary
Mondays and Wednesdays
10:00am-1:00pm
» July 3, 5, 10, 12, 17, 19, 24, 26, 31
» Aug 2, 7, 9, 14, 16

Grades 3-5 @ Olympic Elementary
Mondays and Wednesdays
11:00am-1:00pm
» June 20, 21, 22, 27, 28, 29
» July 11, 12, 13, 18, 19, 20

SUMMER READING CLUB

Grades 1-4 @ Olympic Elementary
9 to 11 am
» Session 1: June 20-22, June 27-29
» Session 2: July 11-13, and July 18-20

SUMMER MATH CAMP

Grades 4-5 @ Olympic Elementary
9 to 11 am
» Session 1: June 20-22, June 27-29
» Session 2: July 11-13, and July 18-20

SUMMER MATH ACADEMY

Chehalis Middle School
Open to all 2017-18 CMS students
Attendance is free - lunch is available

Module 1: The Mathematics of Conservation
» In-class days 7/10-7/12
» 7/13 field trip to Wolf Haven (Tenino)

Module 2: The Mathematics of Baseball
» In-class days 7/17-7/19
» 7/24 field trip to Tacoma Rainiers Game

Module 3: The Mathematics of Volcanoes
» In-class days 7/25-7/27
» 7/28 field trip to Mt. St. Helens

Module 4: The Mathematics of Wildlife
» In-class days 7/31-8/2
» 8/3 field trip to Portland Zoo

Contact the Chehalis Middle School Office for registration: 360-807-7230

Career & College Readiness

College Tours on Campus

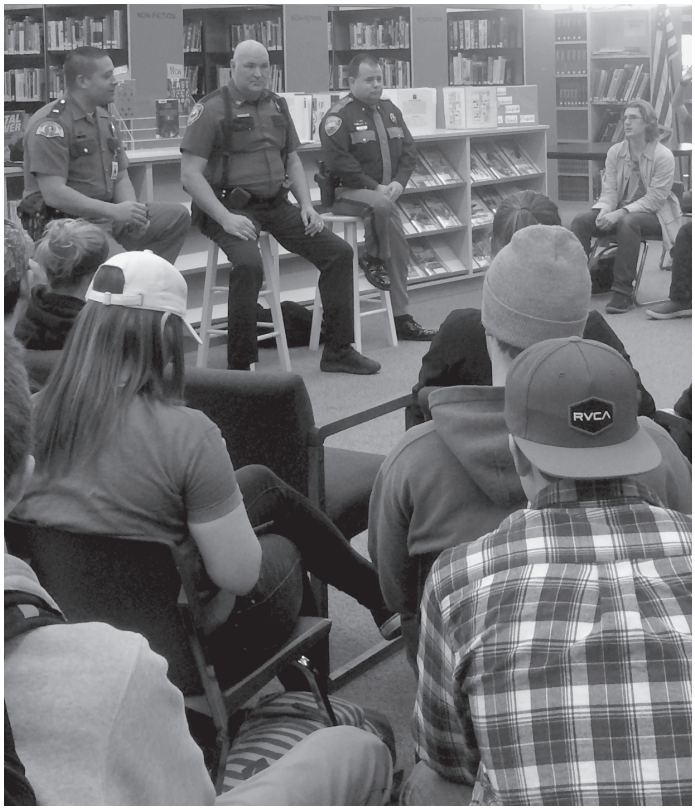
Visits to college campuses are an important part of the district's Career & College readiness goal. The following colleges and universities have hosted our student visitors:

- Seattle Pacific University
- Centralia College
- UW-Tacoma: hosted 25 other colleges for this event. Students get to choose 3-4 schools they are interested in and attend a 30 minute presentation to learn about their campus and majors
- Centralia College Technical Tour: specifically for technical programs
- Multi-College Tour: 7 buses took students to the Univ. of Puget Sound, Pacific Lutheran Univ., WSU-Vancouver, Saint Martin's Univ. Bates Technical College, Clark College and DigiPen Institute of Technology
- Clover Park Technical College

Spotlight on careers

Every month, W.F. West High School features panels of experts who talk about their careers and answer students' questions. This year's Career Spotlights featured the following careers:

- Civil Engineer
- Homeland Security Agent
- Firefighter
- Dental Hygienist
- Law Enforcement
- Fish & Wildlife
- Apprenticeship Panel
- Nursing



Law enforcement personnel discuss their careers with students.

FFA students shine at district and state competitions

W.F. West students have been very successful in both the district and state level FFA competitions. Chehalis students competed along with students from 12 different schools in the District 3 Career and Leadership Development Events at Centralia College earlier this spring. Several Chehalis teams advanced to the state competition where they joined 3,500 FFA students from around the state. FFA is an intracurricular student organization for those interested in agriculture and leadership. Club advisors are Mr. Schmidt and Ms. Bailey.

- The Agricultural Issues Team received 3rd Place at the district competition. Team Members include: Lizzy March, Angela March, Alissa McDrummond, Breanna Zemanek
- Rebecca Ford: 4th Place in Prepared Public Speaking at the regional competition. Rebecca was also chosen to sing the National Anthem for the opening ceremonies at the state competition.
- Mara Soto: 5th place in Prepared Public Speaking at the regional competition. She was also elected as the 2017-2018 District 3 Reporter. She received 6th place at the state competition in the Swine Production category.
- The Forestry Sciences Team placed 8th at the State event. Team members are: Shad Guenther, Isaac Morris, Cody Crosby, Robert Seymer, Kenton Borseth, and Shawn Strasser.
- Tyler Meyer was awarded his FFA State Degree.
- The First Year Member/Best Informed Greenhands Team placed 8th at the state competition. Team members are: Tyler Speck, Angela March, Montanna Heinricher, and Gary Young.
- Zach Schilter: District competition—4th place in Extemporaneous Speaking, 2nd Place in Job Interview, 2nd Place in Prepared Public Speaking. He was also elected as the 2017-2018 District 3 Secretary. State competition—3rd place in the Dairy Production.
- Ashley Werner received an honorable mention at the district competition in the Extemporaneous Speaking Event.
- The Agricultural Sales Teams competed at both district and state. Chehalis 1 Team Members: Zach Schilter, Rebecca Ford, Mara Soto, Montanna Heinricher (1st Place Team at district). Chehalis 2 Team Members: Kenton Borseth, Tyler Meyer, Cody Crosby, Gary Young (5th Place Team at district)

Thank you, Retiring Teachers!

Thank you for your service and Happy Retirement! We wish you the best!

- **Clif White:** 17 years in Chehalis, 19 years in education
- **Gary Porter:** 32 years in Chehalis
- **Joyce Fink:** 19 years in Chehalis, 24 years in education
- **Bruce McFadden:** 14 years in Chehalis
- **Tom Zuber:** 34 years in Chehalis, 37 in education
- **Marie Meserve:** 9 years in Chehalis, 24 years in education
- **Mike Keen**, 38 years in Chehalis School District

Kindergarten Registration

Kindergarten registration for the 2017-18 school year is open. Visit the Cascade Elementary School Office from 8am–4pm Mon-Fri or call 360-807-7215.

STEM IN CHEHALIS SCHOOLS

W.F. West student participates in 2017 International Science and Engineering Fair

W.F. West Advanced Molecular Genetics junior Ashlynn Gallagher participated in the 2017 Intel International Science and Engineering Fair, the world's largest international pre-college science competition.

Ashlynn qualified for the fair after taking 1st place overall at the South Sound Regional Science and Engineering Fair in Tacoma in March. As overall winner in the grades 9-12 category, Ashlynn earned an all-expenses paid trip to the 2017 Intel ISEF May 14-19 in Los Angeles, CA.

"It was an amazing experience that I will never forget."

– Ashlynn Gallagher, W.F. West Student

Her project, entitled "A Novel Approach to Understanding Cancer: Using Antitumor Agents in The G2/M DNA Damage Checkpoint in the P53 Gene On The Early Development of Zebrafish Embryos" focuses on the gene p53, which is a gene that is often mutated in cancer cells. She is treating Zebrafish embryos with antitumor drugs and measuring if the treatment changes the activity of p53 in the Zebrafish cells.

Ashlynn pictured with W.F. West teacher Matthew Bremgartner

"Ashlynn has taken great initiative in her research and has learned a lot while working on her project," said W.F. West teacher Matthew Bremgartner. "I would estimate her current proficiency to be at the level of an undergraduate with two semesters of research experience."

At the international competition, Ashlynn joined approximately 1,800 high school students from over 75 countries, regions, and territories to showcase their independent research and compete for approximately $4 million in prizes.

Ashlynn's project was showcased on an international stage, where doctoral level scientists will review and judge her work.

"It was an amazing experience that I will never forget," said Ashlynn. "Being surrounded by other students from other parts of the world with a similar passion for STEM really inspired me to think bigger for what I can do in my continued research in preparation for next year's Intel ISEF."

Team SWAG 4060 competes in First Robotics competitions

Team SWAG 4060 competed in First Robotics competitions in Wilsonville, OR and in Auburn, WA. Although, the team did not place in the regional competitions, they were invited to participate in the World Championships in Houston, TX held the third week in April. The robotics team works together each year to brainstorm, design, construct, and prepare a robot for competition. Each student commits a great deal of time towards the team.

WFW student using the SEM

Scanning electron microscope at W.F. West

W.F. West High School is fortunate to have a scanning electronic microscope as part of its Science programs. A scanning electron microscope (SEM) scans a focused electronbeam over a surface to create an image. The electrons in the beam interact with the sample, producing various signals that can be used to obtain information about the surface topography and composition.Learn more at: *www.nanoscience.com/technology/sem-technology*

Image of a bee stinger

BioTech Day is annual event

This year's theme was Genebusters (a play on the movie Ghostbusters). The students used the scientific research skills they learned in class to solve a mystery. This year, BioTech Day celebrated its 20th anniversary.

Students participating at Bio Tech Day

CNC Machine

Students in the welding, auto and machining shops learned to use the CNC (computer numerical machine) to create parts for all kinds of tools and devices. So far this year, the students have produced new jaws for all of the industrial vice grips in the Welding, Auto and Machining shops. They have fixed one of the school's nonworking drill presses, a lathe in the woodshop and two band saws. The students used the CNC to machine broom handles and sharpen drill bits. They also built shelves for safety glasses, built tool holders for the CNC machine bits, as well as manufactured their own tool box and some of their tools. These classes teach valuable career skills to students which is an important aspect of the district's STEM program.

WFW student using the CNC machine

MUSIC IN CHEHALIS SCHOOLS

Alto vocalist Taylor Gonia won 1st place at the State Vocal/Instrumental Solo and Ensemble Contest held on April 28 and 29 at Central Washington University in Ellensburg, WA.

WFW Brass choir won Superior ratings at the State Vocal/Instrumental Solo and Ensemble Contest held on April 28 and 29 at Central Washington University in Ellensburg, WA.

The Large Womens' Ensemble won superior ratings at State (not pictured).

3rd place in State: Small women's ensemble: Taylor Gonia & Madeleine Roy.

WFW String Ensemble performance at the Regional Orchestra Festival earlier this spring.

Chehalis Middle School Steel Drum band students work with guests from our sister city in Inasa, Japan.

Chehalis 5th & 6th grade Honor Choir Students with instructor, Ms. Hays.

Cascade Reading Night

The first annual Reading Night went off with a great success. The evening started off with a pizza dinner followed by fun activities that involved both students and parents. Watch for next year's event - it will be just as fun!

From left to right, back row: Deacon Meller, Rheanan Morris, Andre Tseng, Carter Nash, Courtney Pinkerton, Travis Heredia, Macee Shannon, Taylor Stevens, Brody Stidham, Sydney Skavlem, Peyton Gibbs, and Ava McGregor.

Future Chefs

Each year, Olympic Elementary School features a cooking competition for its students. This year, 12 students donned chef hats and coats and prepared their best dishes which were then judged by their fellow students, staff, families and guests. Students prepared their recipes with assistance from some of our own Chehalis School District lunchroom cooks and presented their dishes for family and friends to taste during the reception. This year's theme was "Healthy, Comfort Foods." Winners were as follows:

» Judges Choice: Ava McGregor with Supreme Pizza Casserole
» Health Concious: Andre Tseng with Taco Soup
» Kid Friendly: Brody Stidham with Turkey Gyros
» Fun Food: Rheanan Morris with Healthy Lasagna Rolls

Pictured are our top five schoolwide winners: Weston Potter, fourth grade, 2nd place; Kyle Nowels, fifth grade, 5th place; Abigail Johnson, fifth grade, 1st place; Brooklyn Dallmann, fifth grade, 3rd place; and Olivia Brame, fifth grade, 4th place.

Annual Spelling Bee at Olympic Elementary

On April 28, 2017, Olympic Elementary held their 27th annual school-wide spelling bee, sponsored by the Chehalis/Centralia Kiwanis Club. Ten grade-level spelling bee finalists participated.

CHEHALIS SCHOOL DISTRICT
310 SW 16th St. | Chehalis, WA 98532

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TOP STUDENTS

Congratulations to the W.F. West Class of 2017!

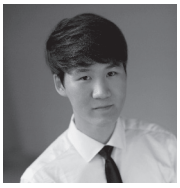
The W.F. West Class of 2017 has many significant achievements of which to be proud. Here are the top students of this year's class:

KAELEN BACH
GPA: 4.00
Parents: David & Lisa Bach
Future plans: Northwest Nazarene University in Nampa, Idaho to pursue a career in nursing.

JASON CHUNG
GPA: 3.994
Parents: Drs. Paul and Iris Chung
Future plans: Southern Adventist University in Tennessee to study pre-medicine in pursuit of becoming a doctor.

ANDREW PAINTER
GPA: 3.994
Parents: Cary & Cathie Painter
Future plans: Western Washington University to become a physician's assistant.

ANDREW MANN
GPA: 3.993
Parents: Joe & Lisa Hull and Ken Mann
Future plans: Arizona State University to pursue a degree in accounting and eventually become a CPA.



ANDREW KIM
GPA: 3.987
Parents: Daeyoo Kim & Haesook Nam
Future plans: US Army to become an officer and to pursue a career in engineering.

CHLOE BRADLEY
GPA: 3.977
Parents: Jason & Jody Bradley
Future plans: Centralia College and later a university to pursue a degree in journalism.

JORDAN NORQUIST
GPA: 3.964
Parents: Erica Norquist and Henry & Cindy Norquist
Future plans: Washington State University to pursue a degree in psychology with minors in human development and business.

SHANNON FLEXHAUG
GPA: 3.959
Parents: Brad & Kami Flexhaug
Future plans: Brigham Young University-Idaho to pursue general studies.

KIMBERLY FRAZIER
GPA: 3.914
Parents: Jeff & Debra Frazier
Future plans: Southwestern Oregon Community College on a softball scholarship to pursue a career as a nurse at a children's hospital.

HUNTER SNYDER
GPA: 3.909
Parents: John & Michele Walpole & Mitch Snyder
Future plans: Grand Canyon University to pursue a degree in biology with emphasis on physical therapy.

Chehalis School District does not discriminate in any programs or activities on the basis of sex, race, creed, religion, color, national origin, age, veteran or military status, sexual orientation, gender expression or identity, disability, or the use of a trained dog guide or service animal and provides equal access to the Boy Scouts and other designated youth groups. The following employees have been designated to handle questions and complaints of alleged discrimination: Jeff Johnson, Title IX Officer, (360) 807-7235, Loretta Duncan, 504/ADA Officer, (360) 807-7245, Mary Lou Bissett, Civil Rights Officer, (360) 807-7200.