

# LEO HIGH SCHOOL CAREER MAJORS ACADEMY



## Principal's Desk

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Leo High School is having an excellent school year. The Indiana State Board of Education (SBOE) officially placed schools in A-F categories for the 2017-2018 school year on November 14, 2018. I am proud to report Leo High School was one of 12 schools in the area receiving an A. A school's report card grade consists of Graduation Rate, Academic Performance on Standard Tests in the area of Math and Language Arts, and preparation in the area of College and Career Readiness (CCR).



Congratulations to Nathan Fuchs, Austin Barnett and their families. Based on the Preliminary SAT/National Merit Scholarship Qualifying tests (PSAT/NMQT), these students were selected as commended students in the 2019 National Merit Scholarship Program.

Our students are having an excellent school year in classroom and outside the classroom. Tobyn Smith, a senior at Leo High School, was one of two students to earn the 2018 4-H High Achievers Award. Tobyn has participated in 4H for 9 years. Leo High School Junior, Ashley Miller, was named "News Sentinel Softball Player of the Year." Ashley was a major contributor to Leo's 25-4 record. The softball team earned both Sectional and Regional Championships during the 2018 season. Isaac Steiner and Eli Herran captured the IHSAA boy's doubles tennis state championship this fall. We watched our boys' soccer team win the boys' soccer sectional.

On Wednesday, November 14, Leo High School had five student athletes sign athletic scholarships to attend college. The student athletes were Alex Bond and Reid Sproat - Soccer, Eli Herran and Isaac Steiner - Tennis; and Addie Sieber - Volleyball.

We are very proud of our students and families for their academic achievement in the classroom and outside the classroom. We wish our students, families, and community a wonderful holiday and we look forward to a productive New Year.

Sincerely,

Dr. Neal Brown III  
Principal

## Final Exam Schedule and Information

Final exams will be given on Monday thru Wednesday, December 18-20.

<b>Tuesday, 12/18</b>	<b>Periods 2 &amp; 5</b>
<b>Wednesday, 12/19</b>	<b>Periods 3 &amp; 6</b>
<b>Thursday, 12/20</b>	<b>Periods, 1, 4 &amp; 7</b>

**Please note: Students are not permitted to take exams early for any reason. Students who miss exams associated with an excused absence will be afforded the opportunity to make up exams with their teacher upon returning to school in January. All students should schedule make up exams with their teachers prior to leaving on vacation.**

### iPads and Technology Information:

EACS is asking all grade 7-12 students, parents, educators, and community members to please take the **Speak Up Survey** for 2018. The Speak Up Survey is a national survey of education stakeholders designed to help make informed decisions regarding technology in education. The results of the survey will be shared during a session of Congress in the Spring of 2019. The survey is voluntary, and each survey type (parents, students, community) is slightly different. This year, students need to know their ZIP code to participate in the survey. The link will also be posted for all students via Canvas beginning Monday, December 10 for easy student access.

If you click this link;

<https://speakup.tomorrow.org/ChooseQuestionSet.aspx> you will jump to the survey screen, and be given the choice to take the student survey, or any one of the following in a drop-down menu:

1. Educators, 2. Parents, 3. Padres de familia en espanol, 4. Community

Thank you in advance for participating!

Join students from the Leo Fine Arts Department for the annual Choir Concert on December, 10<sup>th</sup> at 7:00 PM in the auditoria.



# Spotlight on Academics

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### SCIENCE

The Science Department would like to thank everyone who participated in the poinsettia sales this year. We were able to raise a substantial amount of money for the department to buy things for student use that are not consumable.

In junior high Science, the 7th grade students are learning about Continental Drift, Sea-Floor Spreading, and Plate Tectonics. Students recently completed a small scale research project on Alfred Wegener.

In 8th grade, students recently finished discussing Elements and the Periodic Table and are moving into the topics of bonding which includes ions, ionic bonds, and covalent bonds.

Freshman Biology students are exploring the cell as well as its many organelles. Using microscopes to aid their studies, students are exploring the differences between plant and animal cells and eukaryotes and prokaryotes, as well as discovering the unique structures found in protists.

In first year Biomed, students are finishing the Unit on diabetes in which they investigated the differences between Type 1 and Type 2, learned about their ideal diet, and what happens inside their bodies. In third year, we are looking at the CRISPR system and other reproduction modification techniques. And in fourth year, we finished our fetal pig autopsy and will be creating death mysteries for others to solve.

The Chemistry classes recently finished a lab working with the atomic spectra of atoms. Through this lab students were able to experience and visually see the expression of excited electrons in the form of flames and their discrete and unique colors. Our present book work is over the periodic table. In science the periodic table is arguably one of the top tools for science. To the chemist it is second to none. The test for the periodic chart involved a lot of coloring so students were able to brush up on their skills of staying in the lines.

Physics just completed a series of college-level labs over acceleration, velocity and Newton's second law,  $F=ma$ . The students using only the items given had to determine the mass of an unknown object using just a piece of string, stop watch, cart and track. Here the students had to use physics to develop their own process to complete the lab. It was a healthy brain cramping experience for all.

Anatomy is exploring the skeletal system and viewing an autopsy to determine cause of death!

HBS is constructing brains to learn how the body communicates.

### FINE ARTS

As usual, the art department has been busy.

The art department also took a trip to Chicago this fall. So many students signed up in the first few days, we had to get a second bus. The kids went to the Chicago Art Institute, walked through Millennium Park, and on to an architectural tour on the river in the afternoon.

We are also planning a trip to Italy and Greece in the summer of 2020. Contact Mrs. Hinrichsen or Mrs. Hoff if interested in attending. We will be raising funds for these kids to help pay for their trip in the upcoming months.

As always, we will be collecting top examples of art and writing to enter in the Scholastics Regional Art and Writing Competition. The entry fees are \$5 per piece. The work will be almost immediately after Christmas Break. Winners' works will be on display at the Fort Wayne Art Museum for about six weeks, and the students will be recognized at a ceremony in downtown Fort Wayne. The very top pieces of art and writing will be sent to New York City to be judged at the National Competition. Winners there will be recognized at Carnegie Hall in New York City. Visit [www.artandwriting.org](http://www.artandwriting.org) or see Mrs. Hoff or Mrs. Hinrichsen if you have questions.

## WORLD LANGUAGE

The World Language Department is off to a great start to the school year teaching Spanish levels 1-3. In addition, Spanish levels 4 & 5 are Dual Credit classes through PFW. We also offer French levels 1-4, as well as World Language Exploratory Class offered to 8<sup>th</sup> grade students.

In late October, the Spanish 4 & 5 Dual Credit classes took part in a field trip to PFW for a guided tour of campus followed by lunch at an authentic Mexican restaurant. In the afternoon, the students participated in a mock Spanish college class conducted exclusively for the Leo students.

In November, Spanish 1 students will have a unique opportunity to participate in an interactive concert put on by the Justo Lamas group where they will hear Spanish music performed live, as well as be exposed to a variety of Latin American cultural aspects.

In honor of Hispanic Heritage month, Mrs. Coria's 4th year Spanish class has created a unique, interactive experience in which all students can participate. Students can visit a display of influential Hispanic people and listen to a voice recorded biography given in Spanish and English which can be accessed by scanning a QR code. Try one below!



**To listen, you must have google drive downloaded, but then will just use your camera roll to scan the QR codes (they provided both Spanish and English). There will be a pop up to click on that opens the audio**



# Guidance Department



Christi Smeltzley, Guidance Director – grades 11 & 12  
Gary Rogers, Guidance Counselor – grades 9 & 10  
Cary Cogdell, Guidance Counselor – grades 7 & 8



- **Welcome Ms. Morgan Barclay** – The Guidance Department welcomes Ms. Morgan Barclay who will be interning with us through the end of the school year as part of her master’s degree counseling program. Morgan is a Pennsylvania native. We are thrilled to have her assistance.
- **Wednesday Counseling** – Counselors are always available in the cafeteria every Wednesday for any student needs. If it is not convenient to come to the guidance office, this is an opportunity for students to ask questions, seek guidance or take care of any student service needs.
- **Grades** – Please take advantage of the Parent Access tool to monitor your child(ren)’s grades. Communication with teachers is very important to ensure you know what is taking place in the classroom and how your child(ren) is/are progressing.
- **FAFSA Completion Nights** - Seniors who have not yet completed the FAFSA, help sessions are available for you and/or your parents at Helmke Library in the first floor computer lab at Purdue Fort Wayne. Time: 4:30-6:30 p.m. (open hours) Dates: December 5, January 23, February 6, February 27, and March 27.
- **PSAT Results** – Scores will be released by the CollegeBoard in mid-December. Log into your CollegeBoard account to access your scores. Paper reports will be delivered to students in late January.
- **CNA Meeting** – Premier Nursing will be at Leo on December 11<sup>th</sup> at 9:00 a.m. to enroll any junior or senior interested in earning their CNA during the school day next semester. Class times are from 8-11 a.m. or 12–3 p.m. See Mrs. Smeltzley with further questions.

