



www.legendedge.org

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EDGE

Educational Pathway




The Top **7** Skills that EDGE Students Develop



TAKING INITIATIVE AND BEING SELF-MOTIVATED **01**



ORGANIZATIONAL SKILLS **02**



WORKING UNDER PRESSURE TO MEET DEADLINES **03**



ABILITY TO LEARN AND ADAPT **04**



COMMUNICATION AND INTERPERSONAL SKILLS **05**



TEAMWORK **06**



PROBLEM SOLVING SKILLS **07**

The EDGE Pathway

seeks to challenge the traditional thinking of educational practices.

EDGE was created to provide students the opportunity to pursue success in life through a personalized learning model.



The EDGE Student

Highly Motivated

Students want to succeed in college and have a career — not just a job. Successful students are highly motivated academically and possess a high GPA.

Seeks an Interdisciplinary Environment

Their academic learning combines the components of English, Humanities, Science, Mathematics, and Technology.

Thrives with Project-Based Learning

Students develop real-world skills through advanced presentations of their learning, building relationships across multiple grade levels, and engaging in industry-related field trips.

The EDGE Learning Model

Students define and create their pathway towards a four-year college. EDGE allows students to dive deep into Business, STEM, Liberal Arts, and Technology, while experiencing Concurrent Enrollment, the Advanced Placement Capstone program, and college prep courses.

Wants a Seat at the Table

The EDGE program is limited to 75 students per grade level to create a small environment of motivated and determined learners. Students are allowed to explore a vast number of choices through projects, internships, guest speakers, and field experiences.

Is Well-Rounded

Self-determination and drive are essential skills for success in the EDGE Program. EDGE students participate in extra-curricular activities, and athletics. This, combined with motivation in academics creates the well-rounded EDGE student.

Earns College Credits

The average EDGE student earns 15 college credits during their four years in the program. Some students have earned as many as 24 credits, saving them over \$14,000 in college tuition.





Legend EDGE

Jason Jacob, Principal • Mari Farley, College Advisor

CEEB Code:
061159

237



Total Enrollment

1058



Average SAT
Class of 2022

3.38



Average GPA

15



Average number
of college credits
earned by our
students

2022-2023 School Profile

The EDGE program at Legend High School was created in the Fall of 2016 with the goals of engaging students in interdisciplinary studies, developing opportunities for students to demonstrate transferable skills and providing a variety of educational experiences to ready students for post-secondary life.

MISSION STATEMENT

We collaborate with students to own their learning in order to prepare them for life through memorable experiences.

VISION STATEMENT

To inspire students to become empathetic, global citizens empowered with tools and skills to discover their potential in a new era.

OUR PROGRAM

The Legend EDGE program is an interdisciplinary, project-based learning model that engages students through personalization and learning experiences such as professional internships, field experiences and skilled mentorship. EDGE students benefit from the core disciplines delivered through an interdisciplinary approach in which the curriculum is designed by teachers and students to have real-world significance. EDGE students think critically and take active roles in their classrooms and communities. Learning comes alive for students by connecting to relevant issues, identified needs and authentic audiences.

Experiential learning is a significant component of the EDGE program and helps prepare students for viewing the world through a critical, comprehensive lens. All students participate in Outdoor EDGE, a three days immersive experience where we encourage students to become fearless. Entry events as part of our project based learning approach allow students to explore concert venues before making their amplification system, go to a water conversation complex prior to their unit study on water, and learn from a rocket scientist at Lockheed Martin before starting their launch to the moon projects.

The EDGE Student

The EDGE student is an independent and passionate learner motivated to pursue his or her unique interests in preparation for goals extending beyond the high school experience. EDGE students are encouraged to explore the world around them while working to develop and apply real-world success skills.

Course offerings

Students in EDGE access rigorous curriculum without a focus on Advanced Placement courses. Students can access Advanced Placement courses above and beyond their EDGE classes. Students in EDGE are guaranteed 12 concurrent enrollment credits and can enjoy a variety of elective course options at Legend.

English

English I or English I Honors
ENG 1021/1022
AP Seminar
English IV

Social Science

World History or World History Honors
US History or US History Honors
US Government/US Economics
AP Research

Mathematics

Integrated Math I
Integrated Math II
Integrated Math III
Probability & Statistics
College Algebra
Pre-Calculus
Calculus A

Lab Sciences

Biology or Biology Honors
Chemistry or Chemistry Honors
Physics
Global Science

World Language

Spanish I	French I	Chinese I
Spanish II	French II	Chinese II
Spanish III	French III	Chinese III
Spanish IV	French IV	Chinese IV
AP Spanish	AP French	Chinese V

EDGE Electives

MGD 1001 Intro Graphic Design
MGD 1002 Intro Multimedia
Senior Seminar
Adventure Experience

Crew Time

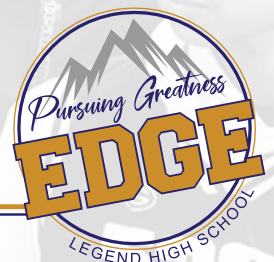
Crew Time is held once a week and serves as a multi-grade homeroom experience, facilitated by mentors. Mentors are what we name our teachers, as they serve in much more of a mentor role throughout the whole child experience in EDGE. Students engage in lessons on social emotional learning, post grad planning, and standardized test prep during this time. Students also are exposed to a variety of career speakers, passion workshops facilitated by seniors and mentors, and Explore Weeks which allow students to personally explore something they might use in the future. Crew Time is a vital component to our comprehensive program.

College Portfolios

In addition to the measures of achievement required of all Colorado high school students, EDGE students develop a digital college portfolio that provides a comprehensive look at each student's work, learning and professional experiences. Each college portfolio includes a personal statement, resume, project development and professional experience. Students update their portfolios each semester, documenting their learning over time.



The EDGE program has been named as a Finalist for Colorado Succeeds Innovation in Schools Award



College & Beyond

Colleges & Universities

EDGE Students have accepted:

- American University of Paris
- Arizona State University
- Australian National University
- Baylor University
- Benedictine college
- Bennington College
- Boise State University
- BYU Idaho
- BYU Provo
- California Polytechnic State University
- California State University
- Coe College
- Colorado Mesa University
- Colorado School of Mines
- Colorado State University
- Denison University
- Dixie State University
- Drake University
- Eastern Michigan University
- Embry Riddle Aeronautical University
- Fort Lewis College
- Full Sail University
- Georgia State University
- Grand Canyon University
- Grand Valley State University
- Hawaii Pacific University
- Hofstra University
- Husson University
- John Cabot University
- Kansas State University
- Keuka College
- Luther College
- Lewis & Clark College
- Metropolitan State University
- Mesa State University
- Minnesota Deluth University
- Montana State University
- Morehead State University
- Naropa University
- New Hampshire University
- New Mexico State University
- New York University
- Portland University
- Reed College
- Regis University
- Rochester Institute of Technology
- Rocky Mountain College of Art and Design
- San Francisco State University
- San Jose State University
- Seattle Pacific University
- South Dakota School of Mines and Technology
- Southern Utah University
- Spartan College of Aeronautics and Technology
- Tulane University
- University of Alberta
- University of Arizona
- University of California Davis
- University of California Irvine
- University of Central Florida
- University of Cincinnati
- University of Chicago
- University of Colorado Boulder
- University of Colorado Colorado Springs
- University of Denver
- University of Florida
- University of Hawaii
- University of Idaho
- University of Michigan
- University of Missouri
- University of Nebraska
- University of Nevada Reno

The EDGE Class of 2022

earned \$3,791,640 in

scholarships.

EDGE seniors average

\$70,200 in scholarship

offers.

- University of New Hampshire
- University of New Mexico
- University of North Dakota
- University of Northern Arizona
- University of Northern Colorado
- University of Oregon
- University of San Diego
- University of Saskatchewan
- University of South Carolina
- University of South Florida
- University of Tampa
- University of Vermont
- University of Washington
- University of Wyoming
- Utah State University
- Utah Valley University
- Washington State University
- Watson University
- Weber State University
- West Texas A&M
- Western Colorado University
- Western Washington University
- Wichita State University

Academics

EDGE Courses were developed to promote the EDGE Vision of aligning interdisciplinary contents, allowing students to discover their passions, and think critically to solve real-world problems while engaging in professional networks. The EDGE courses empower students to take personal ownership of their learning to prepare them for all of life's challenges and experiences.



MATH

Integrated Math is at the heart of the EDGE program where all students experience a holistic approach to geometry, algebra, and trigonometry concepts. Math is integrated into all intensives to deepen their understanding of mathematical concepts. Students wishing to continue in Math with a specific focus can take PreCalculus, Statistics, or Calculus A or Advanced Placement.

Social Studies provides a broad framework from which to steer students toward personal interests such as politics, community organizations, financial literacy, and careers in the health sciences field. World History and US History Honors credit is available through additional assignments and projects. AP Research is a required senior course to complete the Advanced Placement Capstone and deepening their Social Studies experience.



SOCIAL STUDIES



ELECTIVES

Freshmen are exposed to the foundational technology skills needed to enhance their EDGE experience. Both Intro to Multimedia and Intro to Graphic Design offer college credit and are taught by our high school teachers in EDGE. Seniors enroll in a Senior Seminar Capstone experience.

EDGE English is at the center of the reading, writing, and communication skills that develop over four years. Students will explore various genres of texts and personalize their reading choices to enhance their interdisciplinary work in the program. In the area of writing, students will master technical writing, persuasive writing, and research based writing while cultivating other avenues in the communication of learning. EDGE English I Honors credit is available through additional assignments and projects. AP Seminar and AP Capstone are also offered to students interested in deepening their English experience. A rich English experience is continued with ENG 1021 and ENG 1022, AP Seminar, and English IV.



ENGLISH

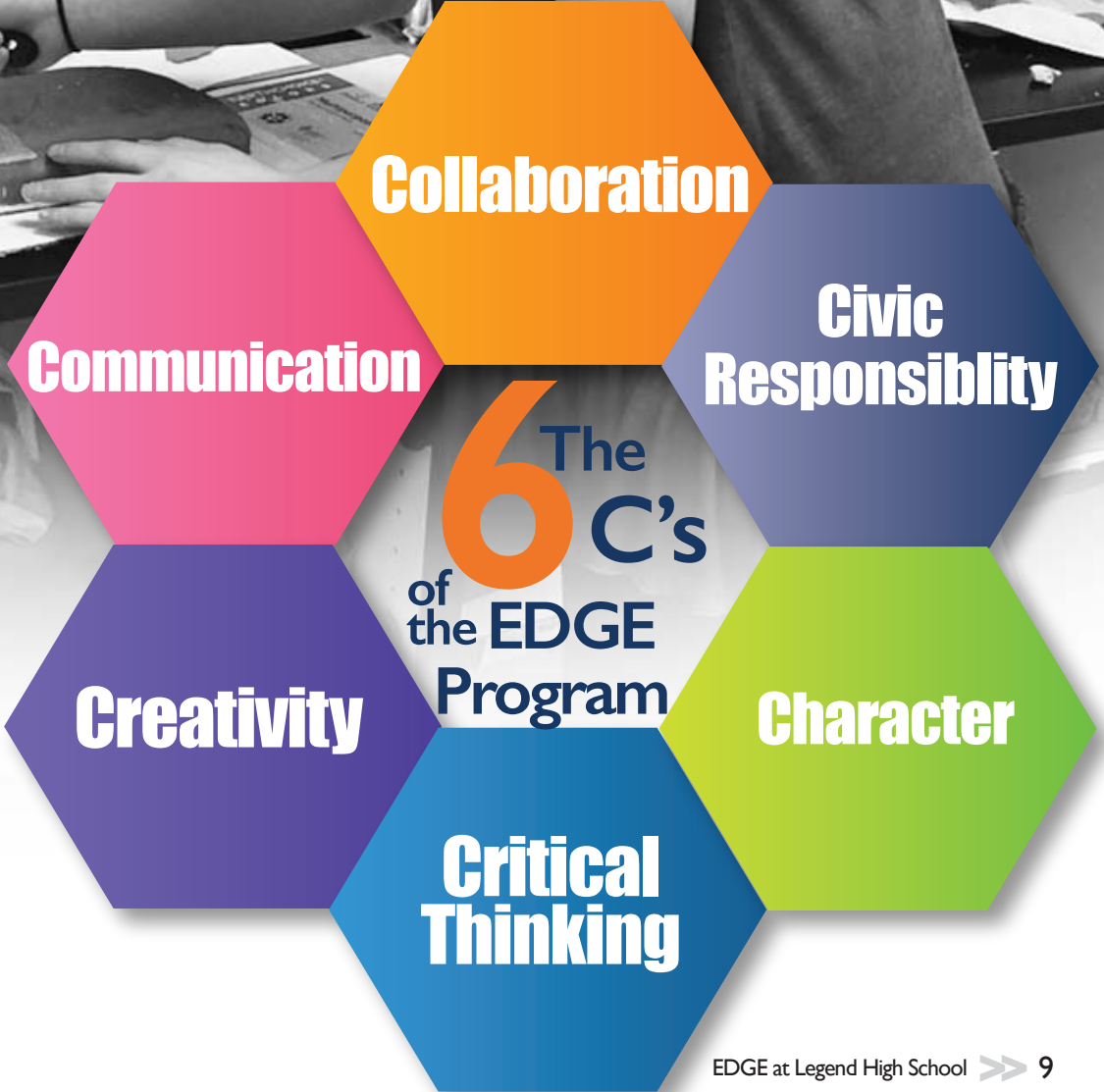


SCIENCE

Students will learn what it means to investigate scientific content through three major lenses: Biology, Chemistry, and Physics. Beyond that, students will personalize their Science experience by exploring scientific research, scientific advancements, and scientific controversies in a variety of areas. Biology and Chemistry Honors credit is available through additional assignments and projects. AP Physics and AP Biology are offered to students interested in a deeper Science experience.

The 6 C's

are the foundation of the EDGE curriculum, ensuring that our students are prepared to take on life beyond high school. They are the essential transferable skills students need in order to be prepared for an uncertain future and help define their own success. EDGE incorporates essential elements to develop these skills.



Experiences

YMCA of the Rockies Snow Mountain Ranch

All freshman participate in Outdoor Education in Grandby, CO. During the three-day experience, students turn in their technology to immerse into the "Become Fearless" challenge and build lasting relationships.

Junior College Trip

Students explore multiple colleges:

- Colorado Mountain College
- Colorado Mesa University
- University of Wyoming
- Colorado State University
- University of Northern Colorado
- Fort Lewis College
- Western Colorado University

During the trip, students engage in the outdoor adventures that await in each region.



Field Experience: Coors Field

Students were invited to Coors Field before a game to hear from different jobs involved with baseball some of which included statistician, photographer, and the assistant general manager.

Field Experience: STEAM Symposium

Students attended the CU Denver STEAM Symposium. Students attended different sessions on design thinking to financial literacy and goal setting. Students connected with large businesses including Chase, Slack, Capital One, and Southwest Airlines.

Field Experience: United Airlines

Students toured the United Airlines hangar at DIA, and explored the civilian and military aircrafts including a 787 dreamliner and a C-130. Students could speak to dozens of people about jobs in aviation, college programs, and military opportunities in aviation.

Field Experience: Eisenhower-Johnson Tunnel

Students toured the Eisenhower-Johnson tunnel and talked to engineers and CDOT workers who have invested a majority of their lives to keeping this Colorado staple working smoothly.

Projects

Project Development

As juniors and seniors, students take more ownership and have the opportunity to create their own projects in EDGE. Projects range from developing apps for our diverse families with language barriers to science projects on food and nutrition.

Title: 20% Time

Tools for Success

Our freshmen class opened the year with a unit called "Tools for Success". This study gave students an opportunity to build foundational skills for the EDGE experience. Students wrote and performed speeches and used the shaper to create a picture frame, Autobiographical poems and self portraits were creatively shared through the use of technology. It was a blast to see our hallways filled with parents and students experiencing the results of hard work!

Senior Seminar

Seniors were invited to Rocky Mountain National Park for a study of geology and fire behavior. In the classroom, each senior chose a national park to study and all projects in senior EDGE classes are related to this park. Students are excited to share their videos, multi-genre pieces of writing, interactive museum-like projects, posters, and much more. Stay tuned for more information on our upcoming exhibition night titled, "A Walk Through the Parks".



Project: Turning Points

What was the most influential turning point in history? This is the question that sophomore students were tasked with asking as they considered the invention or event that had the biggest influence on changing the course of history. EDGE mentors guided students in researching and developing a college-level thesis that they had to support with primary and secondary sources. Students later incorporated Math and Science/Engineering as they designed, prototyped, and created kinetic boards with cogs and wheels to symbolize the turning points in time.

EDGE Campaign

Students experienced our nation's democratic process by running their very own EDGE-wide political campaign. Students formed political parties complete with a president, vice president, secretary, and treasurer. Each party had to research multiple sides of various issues and create a platform to base their political ideologies on. Students wrote position papers and back up their rhetoric with claims, evidence, and reasoning. They created political ads and party slogans. The Campaign unit culminated in a presentation and voting process with peers and parents – a great experience!

Project: "Get Amped!"

Students were tasked to create a passive amplification device for their phone using wood, concrete or 3D printing. While learning about the math and science of sound and amplification they also wrote a research paper on the influences of music on their chosen culture or era. At the end of the unit students held a Get Amped Festival where they played their song in their amplification device.

Professional Experiences

Business Community Partners

We value our partnerships with the local business community. Our EDGE students get real-world professional experiences through job shadowing, field experiences, and spending a day in the life of these amazing partners. Below is a short list of our business community.

AES Engineering
Arapahoe Douglas Works!
Aveida Spas
Ball Aerospace
Bio Infosolutions
Boeing
Boldly Go
BT Construction, Inc.
Calibre Engineering
Castle Rock Writers
Centura Health
Century Link
Charles Schwab
Colorado Department of Transportation
Colorado Succeeds
Comcast
Concept 3D / Colorado Poverty Law Project
Denver County Court
Denver District Attorney
Denver Electrical JATC
Department of Health and Human Services
Donor Alliance
Douglas County School District
Douglas County Sheriff
Dumb Friends League
Elk Meadow Resources
Female Confidence and Empowerment
Fidelity Investments
G.E. Johnson
Grand Canyon University
History of Comics
Ironworkers Local 847
Jeppessen
JHL Construction
Junior Achievement Rocky Mountain
Level 3 Communicatons
Lockheed Martin
Kenny Electric
Make-A-Wish Foundation
Mountain West Conference
Mr. L'\$ Money Guide
NV5, Inc.
Parker Police Department
Radiology Denver Health
Roofline Supply and Delivery
South Metro Fire Rescue
The Master's Apprenticesø
United Airlines
United States Army
United States Marine Corps
Vehicle Vault

Professional Internships

One of the most essential elements of an EDGE education is a connection to the real world, professional exposure and career experience. EDGE students engage in a professional internship as a freshmen and sophomores for five days with the opportunity to take a Professional Internship class over the course of a semester during their Junior/Senior year. Students work and learn at business, schools, non-profit organizations and professional associations in Colorado and throughout our country. EDGE has developed internship opportunities with over 100 businesses and organizations.

Student Profiles



**Paige
Frampton**

The EDGE program provides a student with strength, courage, and resilience. In EDGE, I am challenged to reach beyond the stars and live life to its fullest. I am shaped into a better person who instead of memorizing for an A, strives for excellence and to create my own thinking. I get the privilege to learn social and professional skills that will help me in the future. As an EDGE student, I am given many incredible opportunities so that I can explore the different jobs and careers available to me. These opportunities can help me decide my career path, through job shadows, guest speakers, college visits, and internships.

**Brandon
Culverhouse**



As a senior in EDGE, I never could have imagined the amount of growth I would experience over the course of four years. The focus on real world skills have given me the confidence to speak and engage professionally in any situation. These skills will carry me through all aspects of life. EDGE has taught me to take ownership of my learning and I am self-motivated to attack my goals. This program has truly inspired me to follow my dreams of being in the United States Marine Corps and obtaining my professional degree.



**Zachary
Tomkowicz**

As a senior in EDGE, this program has positively affected my sense of community and my relationship building skills. EDGE provides amazing opportunities in and out of the classroom. I have learned to build meaningful friendships and EDGE has given me the confidence I knew I possessed. The program and mentors are excellent in teaching students how to work effectively as well as collaborate with others. I feel more prepared for college because of the skills that have been instilled in me.