

Bear Creek High School

9800 West Dartmouth Place, Lakewood, CO 80227 303.982.8855



Jefferson County School District

Mission

To provide a quality education that prepares all students for a successful future.

The Bear Creek High School Mission

To develop life-long learners by meeting the academic needs of all students, by teaching critical thinking skills, by maintaining high expectations, and by promoting technological readiness in a safe environment where diversity, success, and a sense of community are appreciated and respected.

Superintendent

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CEEB Code:
061-043

Profile 2017-2018

School and Community

Bear Creek High School is a comprehensive high school located in Lakewood, Colorado. Nestled along the foothills of the Rocky Mountains, BCHS is approximately 12 miles southwest of Denver. BCHS is one of eighteen high schools in the Jefferson County R-1 School District.

BCHS serves approximately 1600 students in grades 9 – 12. These students are taught by 105 certified teachers, 70% of whom have a Master's degree. BCHS, a large, suburban high school with a strong, mixed socioeconomic base, takes great pride in the diversity of its student body: 50% of the student population is of varied cultural backgrounds. This diversity enriches our educational experience.

BCHS academic programs have been presented in a modified block schedule since 2001. There are seven periods three days a week, and students attend these classes for 50 minutes. Two days per week are block days with classes lasting 90 minutes. The maximum number of classes a student may take during a semester is 7 classes. Student success is supported by supervised access and tutor rooms.

In 2016, we were awarded the Colorado Governor's Distinguished Improvement Award for schools that exceed expectations for academic growth.

Students participate in 5A athletic programs. Bear Creek had one Individual State Champion; numerous Colorado State place winners in multiple sports. BCHS students consistently earn top honors in Art, Forensics, DECA and Music Competitions.

ADVANCED PLACEMENT COURSES

Students must complete both semesters of the AP course and take the AP exam to receive the AP designation on their transcript. These grades are weighted.

- | | |
|----------------------------|-------------------------|
| • AP Biology | • AP English Literature |
| • AP Chemistry | • AP English Language |
| • AP Physics | • AP Spanish |
| • AP Environmental Science | • AP French |
| • AP Calculus AB | • AP U.S. History |
| • AP Calculus BC | • AP Psychology |
| • AP Statistics | • AP European History |
| • AP Computer Science | • AP World History |
| • AP Econ–Macro/Micro | • AP Art – 2D/3D |
| • AP Music Theory | • AP Art History |

HONORS COURSES – 9th and 10th Grade

Honors courses weighted starting with class of 2013

- | | |
|-----------------------|-------------------------|
| • Honors Biology | • Honors Geometry |
| • Honors English 9 | • Honors Earth Science |
| • Honors English 10 | • Honors Am. Government |
| • Honors Algebra II | • Honors Geography |
| • Honors Pre-Calculus | • Honors Chemistry |
| | • Honors Spanish 3 |

Minimum Graduation Requirements

- 4.0 English
- 3.0 Algebra 1 and above
- 3.0 Science (2 lab-based)
- 3.5 Social Studies
- .5 Fine /Practical Arts
- .5 Physical Education
- 8.5 Other Electives

Pre-Collegiate Curriculum Requirements for College Admission

- 4.0 English
- 3.0 Algebra 1 and above
- 3.0 Science (2 lab-based)
- 1.0 American History
- 1.0 World History
- .5 Am. Government
- .5 Economics
- 1.0 World Language
- 2.0 Academic Electives

Accreditation

Accreditation is through Colorado Department of Education's (CDE) ongoing review of school performance. Schools must meet performance indicators for academic achievement for all students in all curriculum areas, school safety, school and community partnerships, and financial accountability. Bear Creek is accredited by the Colorado Department of Education.

Grading Scale

Weighted	Unweighted
5.0=A	4.0=A
4.0=B	3.0=B
3.0=C	2.0=C
1.0=D (lowest passing grade)	1.0=D
0.0=F	0.0=F

Class Rank

Students at Bear Creek High School are ranked on a weighted scale.

Bear Creek High School Profile 2017

Exceptional Programs

Bear Creek Television Network

A student- led fully equipped broadcasting facility which brings news, announcements and special features to the BCHS student body ever day.

Project Lead the Way

These pre-engineering and pre-medical programs build successful futures for students by providing an innovative curriculum taught by instructors who hold specialized degrees. It creates partnerships between the nation's leading schools, universities, and the private sector to address today's need for professionals in the Science, Technology, Engineering, Math and Medical fields.

ProStart Hospitality Program

This two-year course provides students with hands-on training in the food service, restaurant and hospitality industry and prepares students for careers in these fields.

World Languages

Students are given the opportunity to take Spanish, French, German, and Japanese. Travel options help promote language proficiency and immersion in the cultures of France, Germany, Japan, and Spain.

ADVANCED PLACEMENT RESULTS

Percentages based on scores of 3 or higher

Subject	2014-2015	2015-2016	2016-2017
Art History	not offered	87%	38%
Biology	75%	80%	67%
Calculus AB	43%	40%	50%
Calculus BC	70%	79%	67%
Chemistry	75%	56%	not offered
Comp. Science	not offered	not offered	60%
English Language	66%	57%	58%
English Literature	87%	76%	72%
Environmental Science	92%	not offered	100%
European History	65%	22%	55%
Macroeconomics	76%	50%	73%
Microeconomics	not offered	not offered	62%
Physics	not offered	69%	68%
Psychology	81%	85%	50%
Spanish Language	100%	50%	not offered
Statistics	33%	41%	23%
Studio Art Drawing	not offered	not offered	100%
Studio Art 2D & 3D	not offered	66%	not offered
U.S. History	91%	63%	57%
World History	51%	51%	41%
Total Exams	396	418	385

Overall percentage of exams passed with a 3 or higher in 2017: 56% of 385 exams
We recommend that students take no more than three Advanced Placement classes per year.

STANDARDIZED TEST SCORES

<u>American College Testing (ACT)</u>	2013	2014	2015	2016
BCHS Composite Score	20.0	20.9	20.0	20.9

**The State of Colorado required all students to take the ACT their junior year through 2016.*

Scholastic Assessment Test (SAT), 2016-2017

BCHS Mean Total Score: 1011

**The State of Colorado requires all juniors to take the SAT beginning in 2016.*

<u>National Merit Scholarship Program</u>	2014	2015	2016
Hispanic Scholar	n/a	n/a	1
Commended	1	3	n/a
Semi-Finalists	0	0	1
Finalists	0	2	1

COLLEGE PROFILE

<u>Graduation Rate</u>	2013-2014	2014-15	2015-2016
	92.2%	94.3	93.3

<u>Continuing to College:</u>	2014-2015	2015-2016	2016-2017
4 Year:	47%	44%	54%
2 Year:	30%	42%	32%

Exceptional Programs

Senior Field Studies

Seniors participate in direct field studies in urban, rural and wilderness settings. Students receive English and Elective credit.

Arts/Performing Arts

Students are involved in innovative curriculum and performances in the fine and practical arts. A range of concerts, and exhibitions performances are held through the year.

Business/Marketing

These courses provide students with practical knowledge of business and marketing fundamentals. Students take a range of classes from Business Law to Marketing and Leadership. FBLA and DECA are integrated opportunities.

Ethnicity Profile

Caucasian: 48%
Hispanic: 40%
Other: 12%

Mobility Rate

2014-2015: 13.6%
2015-2016: 13.3%

Students on Free or Reduced Lunch

2015: 37%
2016: 41%
2017: 41%

Enrollment

Bear Creek has an enrollment around 1600 students.

The Class of 2018 has 378 students.