Northfield High School (CEEB: 060014)  
2020-21 School Profile

SCHOOL OVERVIEW:

MISSION:
Northfield High School will engage students in a rich and challenging academic program, empowering them to discover their own strengths and pursue areas of personal interest. Our teachers will inspire students to become enthusiastic lifelong learners, creative problem solvers and effective communicators. Our focus on collaborative and global learning will ensure graduates are prepared to be fully informed and principled citizens of the world.

ACADEMIC OVERVIEW

INTERNATIONAL BACCALAUREATE:
Northfield is one of the newest and fastest growing International Baccalaureate Diploma Programmes in the state of Colorado. IB at NHS places a premium on both rigor and equity. All juniors take at least two IB classes, or students can choose to take the full Diploma Programme, which includes six classes, the Extended Essay (EE), a Theory of Knowledge (TOK) Course, and IB CAS (community service) program.

CAREERCONNECT:
CareerConnect offers engaging, project-based courses and experiential learning opportunities in relevant career pathways in Business, Engineering, Computer Technology, and Bio-Medical Sciences. Students can graduate from Northfield High School with college credit, industry experience, invaluable soft skills, and even industry certifications.

Denver Public Schools: Graduation Requirements

Northfield High School uses the high school graduation requirements set by Denver Public Schools. Two-hundred and forty semester hours (240 units) shall be required to receive a high school diploma. Students graduating in 2021 and beyond are required to have two years of a foreign language. Due to the COVID-19 pandemic, seniors are only required to take 4 courses per semester for the 2020-2021 school year.

English: 40 credits = 4 units = 4 years = 8 semesters  
Social Studies: 30 credits = 3 units = 3 years = 6 semesters  
Science: 30 credits = 3 units = 3 years = 6 semesters  
Math: 40 credits = 4 units = 4 years = 8 semesters  
Physical Education: 10 credits = 1 unit = 1 year = 2 semesters  
Fine Arts: 10 credits = 1 unit = 1 year = 2 semesters  
Academic Electives: 10 credits = 1 unit = 1 year = 2 semesters  
Electives: 50 credits = 5 units = 10 semesters  
IB Diploma Requirements are based off of National IB Diploma standards.

CONTACT INFORMATION

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IB COURSES:
* IB Language and Literature 1 & 2 (HL)
* IB History of the Americas (HL)
* IB Spanish Ab Initio 1 & 2 (SL)
* IB French Ab Initio 1 & 2 (SL)
* IB Mandarin Chinese 3 & 4 (SL)
* IB Chemistry (SL)
* IB Environmental Systems and Societies (SL)
* IB Math Studies 1 & 2
* IB Visual Arts 1 & 2 (SL) & (HL)
* IB Global Politics 1 (SL) & (HL)
* IB Mathematics: Applications & Interpretation (SL) & (HL)
* IB Mathematics: Analysis & Approaches (SL) & (HL)
* IB Math (SL) & (HL)

* IB Business & Management (SL)
* IB Computer Science (SL) & (HL)
* IB Spanish 3, 4, & 5 (SL)
* IB French 3 & 4 (SL)
* IB Biology 1 & 2 (SL) & (HL)
* IB Design Technology (SL) & (HL)
* IB Sports, Exercise, and Health Science (SL)
* IB Creativity, Action, and Service (CAS)
* IB Theory of Knowledge (TOK) 1 & 2
* IB Theatre Arts 1 & 2 (SL) & (HL)
* IB Extended Essay (EE)
* IB World History (SL)

EXAM RESULTS:
Total Exams Taken: 618; Percentage of scores of a 4 or higher: 64.7%

AP COURSES:
* AP US History
* AP Computer Science Principles
* AP Studio Art 2D
* AP Human Geography

EXAM RESULTS:
Subjects Taken: Computer Science Principles; Calculus AB; Human Geography; US History
Total Exams Taken: 219
Percentage of students scoring a 3 or higher: 61%

CONCURRENT ENROLLMENT/CU SUCCEED:
Colorado state law allows high school students to concurrently enroll in college coursework to earn both high school and college credit. Northfield partners with Community College of Aurora, Western State University, University of Colorado Denver via CU Succeed, and CSU Global to offer high school campus CE courses. CE courses for the 2020-2021 school year include Political Science, Intro to Psychology, Intro to Sociology, Ethnic Studies, Intro to Business, Principles of Marketing, College Algebra, Computer Information Systems and CNG Networking Fundamentals.

CLASS OF 2021—A QUICK GLANCE
172 Seniors
* 963.5 = Average PSAT-10 (No SAT data due to COVID-19 pandemic)
* 41% participate in Federal Free and Reduced Lunch Program

* 37.5% Hispanic/Latino  * 31% White  * 20% Black or African American
* 8% Multiple Races  * 3% Asian  * .5% Native Hawaiian or other Pacific Islander

GRADING SCALE

<table>
<thead>
<tr>
<th>Grade</th>
<th>Traditional</th>
<th>Weighted</th>
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<tbody>
<tr>
<td>A (93% - 100%)</td>
<td>4.0</td>
<td>5.2</td>
</tr>
<tr>
<td>A- (90% - 92%)</td>
<td>3.697</td>
<td>4.77</td>
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<tr>
<td>B+ (88% - 89%)</td>
<td>3.33</td>
<td>4.33</td>
</tr>
<tr>
<td>B (83% -87%)</td>
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<td>3.9</td>
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<tr>
<td>B- (80% -82%)</td>
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<td>3.47</td>
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<tr>
<td>C+ (78% -79%)</td>
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<td>3</td>
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<tr>
<td>C (73% - 77%)</td>
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<td>2.6</td>
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<tr>
<td>C- (70% -72%)</td>
<td>1.67</td>
<td>2.17</td>
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<tr>
<td>D (60% -69%)</td>
<td>1.0</td>
<td>1.3</td>
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<tr>
<td>W/F or F</td>
<td>0</td>
<td>0</td>
</tr>
</tbody>
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END OF JUNIOR YEAR GRADE DISTRIBUTION

4.0 >= 27%
3.5 - 3.99 = 17%
3.0 - 3.49 = 18%
2.5 - 2.99 = 16%
2.0 - 2.49 = 17%
1.99 <= 5%