

WINSTON CHURCHILL HIGH SCHOOL

Churchill High School ♦ 8900 Newburgh Road, Livonia, MI 48150 ♦ churchill.livoniapublicschools.org ♦ 734.744.2650

2021 - 2022 ACADEMIC PROFILE

CEEB CODE: 232359



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OUR COMMUNITY

Livonia is a large suburban city of 94,000 people located 15 miles northwest of downtown Detroit. Livonia Public Schools, which includes a portion of adjacent Westland, has a total district enrollment of 15,747 students who attend three comprehensive high schools (9-12), one career/technical center (10-12), three middle schools (7-8), three upper elementary schools (5-6), and twelve elementary schools (K-4).

SCHOOL CHARACTERISTICS

Accredited by AdvancED, Churchill High School is a comprehensive four-year public high school enrolling 1,335 students in grades 9-12. 34% of Churchill students receive free or reduced lunch. Our student body has a diverse ethnic distribution comprised of:

<1%	American Indian/Alaska Native
6%	Asian American
17%	Black or African American
71%	Caucasian
6%	Hispanic/Latino
<1%	Multi Ethnic

CLASS OF 2021

★ As self-reported by students

Students	330
Four-Year College★	55%
Two-Year College★	19%
Total	74%

FACULTY & STAFF

There are 86 professional staff members, including 5 administrators, 4 counselors (ratio of 325:1), and additional certified support personnel such as: a school psychologist, school social worker, student assistance provider, speech and language therapist, resource room teachers, teacher consultant outreach, occupational and physical therapist, and homebound or hospitalized services. Most teachers have master's degrees.

GRADUATION REQUIREMENTS

Twenty-three credits are required for the Class of 2022 to graduate from Churchill High School.

English	4.0	Health & Personal Fitness	1.0
Mathematics	4.0	Visual, Performing Arts	1.0
Social Studies	3.0	World Language	2.0
Science	3.0	Electives	5.0

CURRICULUM

Churchill High School provides a comprehensive curriculum with most students taking college preparatory courses. Courses in Math, Science, Social Studies, and Language Arts range from basic to Accelerated and Advanced Placement. Highly motivated and capable students may, by invitation, enter the Math/Science/Computer (MSC) program. The Creative and Performing Arts (CAPA) program provides a similar opportunity in the fine arts.

ACADEMIC CALENDAR & UNIT OF CREDIT

The school year consists of two equal semesters. Students are required to take six courses each semester, but some students elect seven. Each semester, a full credit course meets one class period, every other day, and yields 0.5 unit of credit.

GRADING SYSTEM

The marking system is based on a 4.00 scale for an A. Pluses and minuses are used in GPA calculations. Accelerated and AP courses receive one extra honor point. Class rank is computed from final grades in all courses and incorporates all Churchill students, including those in the MSC program.

MATH SCIENCE COMPUTER (MSC)

The MSC program is a magnet program for gifted students. Only those who have demonstrated high levels of aptitude, achievement, and interest in mathematics, science, and computer science are invited to join. Students interested in the MSC program apply during the fall of 8th grade. The applicants are screened by a selection committee and only thirty 9th grade students within Livonia Public Schools are invited to enroll in the program each year.

Students take their MSC courses as a cohort, providing a rich environment for academic and social relationships to develop. MSC courses are taught by a team of six teachers, with one teacher for each course sequence in the sciences and computer science, and two teachers for the mathematics course sequence. This provides an opportunity for more individual student attention and academic continuity within the MSC program. The curriculum is designed to prepare students for AP exams in Computer Science, Biology, Calculus BC, Chemistry, Physics (Mechanics), Physics (Electricity & Magnetism), and Statistics. In addition to their MSC courses, MSC students select core and elective classes available to all students at Churchill High School and have opportunities to take AP courses in other curricular areas.

The 25 MSC students who graduated with the Class of 2021 earned the following distinctions:

- ◆ 5 National Merit Finalists
- ◆ Average GPA (weighted) – 4.57
- ◆ Scholarship value awarded – \$2.7 million
- ◆ Collectively earned scores of 3 or higher on 255 AP exams

CREATIVE & PERFORMING ARTS (CAPA)

The CAPA program is a magnet program open to all high school students in Livonia Public Schools by audition. CAPA students are enrolled in two CAPA classes per semester and can choose to pursue acting, vocal or dance, although many choose more than one. The CAPA program builds the skills, passion, creativity and supportive artistic community performers need to continue their formal education in the creative arts.

ACCELERATED COURSES

Acc Algebra 2 Acc Humanities Acc Pre-Calc w/Trig
Acc Geometry Acc Language Arts Acc World History

ADVANCED PLACEMENT COURSES

The following Advanced Placement courses are offered according to College Board guidelines:

AP Biology (MSC) AP Computer Science A (MSC)
AP Calculus AB AP Comp Science Principles (MSC)
AP Chemistry AP English Literature & Comp
AP Macroeconomics AP Physics C: Mechanics
AP US History AP Physics C: Electricity & Mag (MSC)
AP Calculus BC (MSC) AP US Government & Politics
AP Statistics

2020-21 ADVANCED PLACEMENT EXAMS

In May 2021, 285 students took a total of 540 AP examinations in 16 subject areas, and 75% of the scores reported were a 3 or higher.

Biology	52	Macroeconomics	38
Calculus AB	25	Microeconomics	10
Calculus BC	29	Physics C: Elec & Mag	14
Chemistry	28	Physics C: Mechanics	33
Computer Science A	29	Psychology	4
Computer Sci Principles	35	Statistics	59
English Lang & Comp	1	US Gov & Politics	71
English Lit & Comp	31	US History	81

SAT - MEAN SCORES

Students Tested – 242	2020-21	2019-20
Evidence-Based Reading & Writing	532	N/A
Mathematics	540	N/A
Combined Score	1071	N/A

EXTRACURRICULAR PROGRAMS

A member of the Kensington Lakes Activities Association, Churchill High School offers a full program of extracurricular activities that includes over 20 student clubs, 24 interscholastic sports, and various charity activities for students at all grade levels.