



Memhir Akalewold Secondary School School Profile 2024/2025

Buanbuha, Around Police Station, Dessie,
Ethiopia
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Quick Facts

School Overview

- Public, coeducational, non-religious, non-boarding

Grading

- 0-100 scale (50+ passing)

Curriculum

- Ethiopian National Curriculum
- No AP/IB offered

Rigor

Only 3 graduating students achieved cumulative GPA of 95+% (highest:97%)

SAT/ACT

- Not administered
- Regionally unavailable

Most Active Clubs

- Sports, Interact, Tutoring, and Art

Study abroad

Only 6 students in school history have gone abroad to study

Community Context

- War affected city
- Region still in conflict

Excellence

82% of the graduating class ranked in the top 0.8% nationally on the Ethiopian University Entrance Exam

School Overview

- Est. 1959 | Public, coeducational, non-religious, non-boarding | Serves low-income families | War-affected region
- Selectivity:** <5% acceptance rate | Extremely selective nationally | 100% Ethiopian enrollment

Admission & Student body

- Requirements:** 95%+ Grade 8 Regional Exam + school entrance exam (50/50 weight)
- Enrollment:** 134 graduates (2024/25) | 43 avg. class size | 5-10 mid-program transfers annually
- Excellence:** 82% of graduating class scored top 5% nationally on Ethiopian University Entrance Exam

Clubs & Organizations

- Most Active Student Organizations:** Sports Club, Interact Club, Tutoring Club, and Art Club
- Total Organizations:** 11 student clubs, with the above four being the most active and influential to school and local communities

Curriculum

- Curriculum Framework:** Ethiopian National Curriculum
 - Advanced Placement (AP):** Not offered
 - International Baccalaureate (IB):** Not offered
- ### Academics & Curriculum
- Program:** 4-year secondary (Grades 9-12) | Ethiopian National Curriculum | No AP/IB
 - Calendar:** Sept 21 - June 28 | Two-semester system |
 - Grading:** 0-100 scale (50+ passing)
 - Rigor:** Only 3/134 graduates (2024/25) achieved cumulative GPA of 95+%(highest: 97%)

Performance & University Pathway (Class of 2024/25)

Student Success Rates:

- Ethiopian University Entrance Exam Pass Rate:** 100%
- Graduation Rate:** 100%

Post-Graduation Pathways:

- University Enrollment:** 129 of 134 graduating class members attending local universities
- Gap Year:** 5 students took gap year

Study Abroad:

- Historical Data:** Only 6 students in school history have gone abroad to study

Top University Destinations: Addis Ababa, Hawassa, Wollo

Faculty

- Total Personnel:** 82 teachers, 37 support staff
- Faculty Qualifications:** 100% hold Master's degree or higher
- Regional Recognition:** Top 5% of teachers in Amhara region
- Faculty Composition:** 100% Ethiopian nationals

SCHOOL CONTEXT

- Classes:** 43 avg. size | 134 graduates (2024/25)
- SAT/ACT:** Our students typically don't take this exam (regionally unavailable)
- Reputation:** Known for empowering low-income students to achieve high scores on Ethiopian University Entrance Exam
- Location:** War-affected area with ongoing conflict

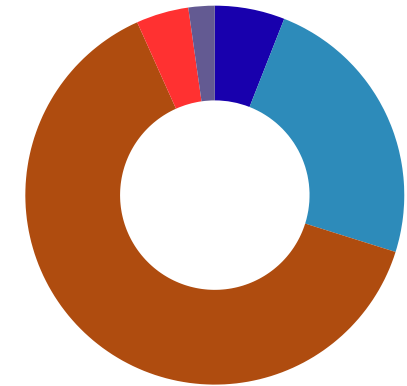
Subjects & Courses (For Seniors)

- Students must select a minimum of 3 subjects and may choose up to 8 per academic year
- Students take all the listed courses under each selected subject

Mathematics	Physics	Chemistry	Biology
<ul style="list-style-type: none"> • Calculus • Differential equations • Analytical and Spatial Geometry • Linear programming and Determinants • Further on probability and Statistics • Further on Relations and types of functions • Matrices • Further on Trigonometry • Algebra 1 and 2 	<ul style="list-style-type: none"> • Thermodynamics • Electromagnetism • Electrodynamics • Modern Physics • Further on Mechanics • Further on Waves • Further on Optics • Fluid Statics • Electronics 	<ul style="list-style-type: none"> • Organic & Inorganic Chemistry • Introduction to Quantum Chemistry, • Thermodynamics • Electrochemistry • Chemical Bonding • Chemical Kinetics • Chemical and Phase Equilibrium • Acid-Base Equilibrium • Further or Polymers • Solutions 	<ul style="list-style-type: none"> • Cell Biology • Ecology • Animal & Human Physiology • Biochemical molecule • Further on Microorganisms • Further on Animal Behavior • Biotechnology • Heredity • Botany • Genetics • Further on Evolution • Further on Enzymes
Information Technology (IT)	Amharic	English	Other Subjects
<ul style="list-style-type: none"> • Introduction to Computer Science • Computer System and Hardware • Networking Fundamentals • Programming Fundamentals 	<ul style="list-style-type: none"> • Grammar • Literature • Writing 	<ul style="list-style-type: none"> • Reading • Creative Writing • Speaking • Advanced Grammar 	<ul style="list-style-type: none"> • Physical Education & Sports (for only Grade 11 students) • Technical Drawing (Auto CAD) • Agriculture

Grade Distribution by Average
(Class of 2024/25) Total= 134 Students

- 8 Students: between 50-79
- 32 Students: between 80-84
- 85 Students: between 85-89
- 6 Students: between 90-95
- 3 Students: 95+%



Approximate Total Hours Per Year
5 Subjects

- Math
- English
- Physics
- Biology
- Chemistry

