

**WASHINGTON MESA (MATHEMATICS, ENGINEERING, SCIENCE ACHIEVEMENT)**

**Parent organization:** University of Washington serves as fiscal sponsor.

**Web address:** <http://washingtonmesa.org>

**Grade level or ages served:** K-12

**Overview:** Washington MESA assists K-12 students who are underrepresented in math and science – African-American, Native American, Hispanic and female – to break through the achievement gap and prepare for college and careers in math, engineering and science. MESA works closely with schools, providing hands-on materials and innovative instructional approaches. MESA’s mission is to serve as a catalyst and model for educational excellence and equity. They accomplish this through their partnership model which includes: institutions of higher education, school districts, industry and business, government, community organizations, families, and alumni.

**Subjects covered:** Mathematics, engineering, science, technology

**Size of program:** 5,000 K-12 students

**Where offered:** 23 school districts in Washington State

**Time spent by students:** Mathematics and science enriched MESA classes, after school programs, Saturday and Summer Programs

**Partners/Sponsors:** 54 business and industry partners, 4 University sponsors, 23 school districts, and 65 community organizations

**Materials available on web and/or purchase:** The MESA Series Middle Level integrated mathematics and science curriculum is available from Pearson Learning Publications.

**Training for teachers, facilitators, volunteers, leaders is:** Available and required. Distance learning classes from University of Washington; Teacher workshops and institutes

**Results to date:** 96% of WA MESA high school graduates enter college; 29% of MESA college graduates earn degrees in math, engineering or science related fields – compared to 6% of the general population

**Cost structure:** Partnership funding from state, school districts, businesses and foundations, and community organizations.

**Funding:** \$1.7 million cash funding; \$3 million in-kind funding

**Other point(s) of interest:** 2000 Presidential Award winner for Mentoring in Science, Mathematics, and Engineering (PAESMEN Award)