

HEALTH & SCIENCE SCHOOL

Profile 2010-2011



Steve Day, Principal
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www.beavton.k12.or.us/health_and_sciences

School Code: 380104

Health and Science School is a public magnet school accredited by Northwest Accreditation Commission, serving students in grades 6 through 12. It opened in the fall of 2007 and the class of 2011 is the first to graduate. The School uses the Expeditionary Learning (EL) Model, derived from the Harvard Outward Bound Project; see www.elschools.org.

Community Beaverton, a suburban residential area, is located eight miles west of Portland. Beaverton School District is the third largest in Oregon, serving 37,706 students. The culturally diverse district consists of 5 comprehensive high schools, 5 magnet/options high schools, 8 middle schools, and 33 elementary schools.

Demographics 2009-10

White:	44%	African American:	5%	Special Needs:	9%
Hispanic:	34%	Multi-Ethnic:	3%	Gifted:	11%
Asian:	13%	English L L:	10%	Poverty Level:	51%

Enrollment: 313 high school students (2010-11)

School Organization All students are enrolled in six 85 minute classes, meeting on alternate days in an odd/even block schedule. Students also meet daily in CREW advisory and JOLT prep sessions. The school uses a trimester calendar, although some courses have .33 credit and some have 0.5 credit.

Curriculum By Grade 11, students can choose between two areas of focus: the Medicine and Health Academy or the Engineering and Design Academy. Both offer dual credit (high school and college) as described below.

Graduation Requirements 2010-11 Health and Science graduates are required to earn a minimum of 24 credits during grades 9 through 12. Required subjects and credits for graduation are: Language Arts 4.0, Mathematics 3.0, Lab Science 2.0, Social Science 3.0, Physical Education 1.0, Health 1.0, Career Education .5, Electives 9.5 (at least 1.0 must be earned in Music, Visual Arts, Theater, Technology or World Language).

Dual Credit Courses (DC on transcript) College credit courses are offered at HSH2, with up to 40 college credits (\$52 each) from Portland State University: Calculus 251-252, Statistics 243-244, Spanish 201-203, Writing 121 and 222, and Science Research (UNST 286, pending). Students can also earn up to 7 college credits (\$15 each) from Oregon Institute of Technology for Project Lead the Way courses at HS2: Introduction to Engineering Design, Principles of Engineering and Digital Electronics. The cost of college credit is an obstacle for some students.

Letter grades on transcripts are derived from proficiencies on learning targets; **weighted grades are in bold**.

- A: Student must achieve at level three (3) for all learning targets of the course. (See levels 1-3 below).
- B: Student must achieve at least two 3's for every one 2 on the learning targets, and none at level one (1).
- C: Student must have a majority of learning targets at level three (3) and none at level one (1).
- I: Student has incomplete, missing, and/or work that is below expectations for grade level and the course.

A proficiency-based 3-point system is used to assess students each trimester on learning targets in their courses.

- Level One (1): A beginning or basic understanding of a complex body of knowledge or concept.
- Level Two (2): A more detailed level of understanding of knowledge and facts, but not fully proficient.
- Level Three (3): Meets/exceeds the target, using higher-level thinking (application, justification, synthesis.)

Testing All juniors complete the ACT assessment. The median composite score for spring 2010 was 19.2

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