

EETT Grant for ALEKS

Cabrillo has been awarded a federal grant, Enhancing Education Through Technology (EETT) for the purpose of increasing learning in the area of mathematics. Students will use a variety of online and classroom resources to achieve this goal.

Assessment and Learning in Knowledge Spaces (ALEKS), is a Web-based assessment and learning system. ALEKS uses adaptive questioning to quickly and accurately determine exactly what a student knows and doesn't know in a course. ALEKS then instructs the student on the topics she is most ready to learn. As a student works through a course, ALEKS periodically reassesses the student to ensure that topics learned are also retained. A student who shows a high level of mastery of an ALEKS course will be successful in the actual course she is taking.

ALEKS also provides the advantages of one-on-one instruction, 24/7, from virtually any Web-based computer so students have access from home. Santa Clara has purchased licenses for all 6th & 7th grade students, through a combination of funding by the EETT grant and other school site resources. Students can access their accounts at <http://www.aleks.com/>

Students may also find the following websites helpful:

1. National Council of Teachers of Mathematics (MCTM) Site, Illuminations

<http://illuminations.nctm.org/>

Illuminations provides standards-based resources that improve the teaching and learning of mathematics for all students. The site includes activities, lessons and national math standards.

2. Visual Math Learning Site

<http://visualmathlearning.com/>

Visual Math Learning is a free interactive multimedia on-line tutorial for math students. Its first level, *Numbers and Arithmetic*, is a pre-Algebra course for middle-school age students. It includes lessons, exercises, puzzles and games.