

Implementation Strategies

Konawaena Middle School, Hawaii Department of Education
Kealahou, HI

Grade(s): 6 – 8

Scenario: Computer Lab, One-to-One Laptop Program, Computers in Classroom

Purpose: RtI, Credit Recovery, Enrichment/Gifted and Talented, Exit Exam

ALEKS Portion of Curriculum: 10%

Time Spent in ALEKS: 1 hour per week, 20 hours per term

ALEKS Course: Pre-Algebra

Mia-Pia Cummins-Van Herreweghe, Teacher

I use ALEKS in a math workshop as tutoring software and as accelerated instruction for gifted students.

Scenario

What challenges did the class or school face in math prior to using ALEKS?

Some challenges we faced were a lack of basic math skills and low state test scores.

How many days per week is class time dedicated to ALEKS?

3 days per week.

What is the average length of a class period when ALEKS is used?

20 minutes.

Implementation

How do you implement ALEKS?

ALEKS is part of the math work shop for Response to Intervention (RtI) students.

Do you cover ALEKS concepts in a particular order?

We cover topics according to our district's pacing guides.

How do you structure your class period with ALEKS?

The class is broken down into a rotation schedule of three 20 minute segments: ALEKS for tutoring, guided classwork, and independent practice (worksheets).

How often are students required or encouraged to work on ALEKS at home?

Daily.

How do you cultivate parental involvement and support for ALEKS?

I cultivate parental involvement on a regular basis via email.

Grading

Is ALEKS assigned to your students as all or part of their homework responsibilities? If so, what part of the total homework load is it?

It is 20 percent.

How do you incorporate ALEKS into your grading system?

ALEKS is used to influence if grades will be rounded up or down; it is determined based on their progress in the program.

Do you require students to make regular amounts of progress in ALEKS?

Yes, five topics per week.

Learning Outcomes

Since using ALEKS, please describe the learning outcomes or progress you have seen.

With ALEKS, students are comfortable with basic math skills, and are able to progress better in their regular math class. Rtl students enjoy working on the computer and being able to work at their own pace.