

# Implementation Strategies

**San Joaquin Memorial High School, Private**  
Fresno, CA

**Grade(s):** 9 – 12

**Scenario:** Computer Lab, Home Access

**Purpose:** College and Career Readiness, Core Curriculum, Supplement

**ALEKS Portion of Curriculum:** 20%

**Time Spent in ALEKS:** 2–4 hours per week; 36–72 hours per term

**ALEKS Course:** Algebra 1

**Ryan Dull, Teacher**

ALEKS is a great program that allows me to effectively assess the level of knowledge and understanding of my students. I really feel that my students benefit from seeing instantaneous results. My students are able to utilize what they have learned on ALEKS in the classroom during lessons and activities.

## Scenario

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

This class lacked curriculum and focus for the students who needed a third year of math.

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

2–3 days per week.

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

45–50 minutes.

## Implementation

**How do you implement ALEKS?**

I use ALEKS as a supplemental tool, as well as a key curriculum.

**Do you cover ALEKS concepts in a particular order?**

No.

**How do you structure your class period with ALEKS?**

I give a warm-up that revolves around a certain topic and then teach a short lesson to expand upon that topic. Then students work on problems from that topic in ALEKS.

**How did you modify your regular teaching approach as a result of ALEKS?**

I have made modifications to how much time I devote to lessons.

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

Students use ALEKS at home 2–3 times per week.

**How do you cultivate parental involvement and support for ALEKS?**

I let parents know what we are doing with ALEKS.

## 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?**

ALEKS is a part of students' homework.

**How do you incorporate ALEKS into your grading system?**

In my class, homework is 25 percent, tests are 40 percent, quizzes are 10 percent, projects are 5 percent, and ALEKS is 20 percent

of a student's grade.

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

Students must complete half of the course in 18 weeks. Thus, each week they must complete three topics per week to meet this goal.

**Learning Outcomes**

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

My students are able to utilize what they have learned on ALEKS in the classroom during lessons and activities. Students also feel that they have achieved a great deal after seeing their progress charted out for them.