

# Implementation Strategies

**Lake International School, Denver Public Schools**  
Denver, CO

**Grade(s):** 6 – 8

**Scenario:** Computers in Classroom

**Purpose:** RtI, Special Education, Improve State Test Scores, At-Risk Students

**ALEKS Portion of Curriculum:** 25%

**Time Spent in ALEKS:** 3 hours per week

**ALEKS Course:** Mathematics – LV 3 (with QuickTables), Middle School Math Course 2, Pre-Algebra

**Jerry Manuel Rael, Special Educator Teacher**

ALEKS is very engaging and interactive, and is a great program for students. It is especially good for those on a lower tier. In addition, it is great for English Language Learners (ELL). It is exciting for students to measure their progress with their ALEKS Pies.

## Scenario

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

Students were struggling with basic math facts, and more.

**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?**

45–90 minutes.

## Implementation

**How do you implement ALEKS?**

It is used for special needs classes, specifically for inclusion and skills.

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

No.

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

We have long 90-minute blocks, with half of the time spent on ALEKS and the other half working on eighth grade curriculum.

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

I provide more visuals.

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

Yes, every day for 20 minutes or longer.

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

I present it at Back-to-School Night and at parent conferences.

## 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?**

No.

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

It is 15 percent of the total grade.

## **Learning Outcomes**

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

It is exciting for students to measure their progress with their ALEKS Pies.

## **Best Practices**

**Are there any best practices you would like to share with other teachers implementing ALEKS?**

Present incentives to motivate learning. I also set aside 45 minutes per day to use the projector and model concepts on ALEKS.