

# Implementation Strategies

**Lamar County Middle School, Lamar County School District**  
Barnesville, GA

**Grade(s):** 6 – 8

**Scenario:** Computer Lab

**Purpose:** Special Education, Intervention

**ALEKS Portion of Curriculum:** 20%

**Time Spent in ALEKS:** 1 hour per week, 9 hours per term

**ALEKS Course:** Middle School Math Course 2, Middle School Math Course 3

**Joanne Raynie, Exceptional Education Teacher**

I have worked with ALEKS with my resource math classes for a year and a half. I really like the progress I see in their achievement and the way ALEKS is set up for teachers to use.

## Scenario

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

We faced very low passing rates on Criterion–Referenced Competency Test (CRCT) for Students with Disabilities (SWD).

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

1 day per week.

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

70 minutes.

## Implementation

**How do you implement ALEKS?**

We integrated ALEKS into computer time in math classes that already existed. We also want to implement it as an elective remedial course.

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

No.

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

We go to the lab after a brief warm–up, then work with ALEKS with minimal teacher assistance. Homework is assigned as an ALEKS worksheet.

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

I have already used the differentiated instruction and am now trying Concrete–to–Representational–to–Abstract (CRA) model.

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

The students are encouraged daily, but it is not required due to access issues.

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

I created a brochure and talked to the parents about 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?**

25 percent of homework grade assigned once a week.

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

20 percent of grade.

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

Yes, a minimum of three lessons mastered each hour.

## **Learning Outcomes**

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

I see the progress on the program. The students like to see their pie increase.