

WJ8 11/25

# Glassboro Education Foundation, Inc.

Send the completed application to the attention of:

Danielle Sochor  
 Beach Administration Building  
 Joseph L. Bowe Blvd  
 Glassboro, NJ 08028

**A. General Information**

Applicant(s): Samantha Shoemaker

Phone: (school): (856)652-2700 (Home): (856) 275-3688

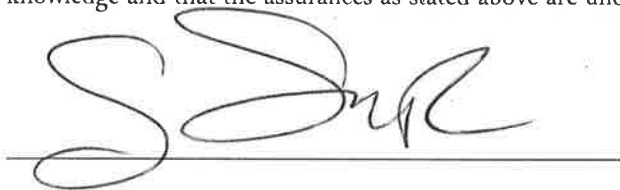
E-mail(s): sshoeemaker@gpsd.us

**B. Statement of Assurances:**

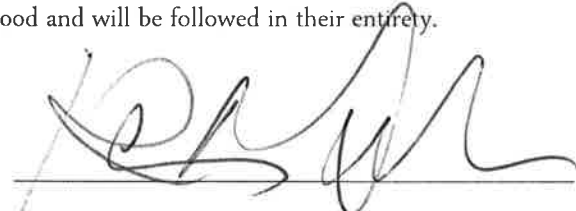
The applicant hereby assures the Glassboro Education Foundation that:

1. The applicant(s) meet(s) the eligibility criteria.
2. The activities and services for which the grant is sought will be implemented as written.
3. Any monies not expended within the school year shall revert back to the Glassboro Education Foundation, unless permission to carry it into the next school year is granted.
4. All publicity releases regarding a funded project will acknowledge the Glassboro Education Foundation and/or a particular mini-grant sponsor as the funding agency.
5. The grant recipient(s) will submit a final report summarizing the project's evaluation results.
6. The Board of Education authorizes the filing of this application.

We do hereby certify that all of the facts, figures and representations made in this application are true and correct to the best of our knowledge and that the assurances as stated above are understood and will be followed in their entirety.



Signature of Applicant



Signature of Principal

Please note: from this page on, please **do not include your name or your school** in any of your descriptions as all applications are coded to prevent bias.

### C. Project Title and Description

Title of Project: ALESK Resource for Special Education Classroom

Subject Area(s): Special Education Mathematics

Approximate Number of Students Participating: 40 students

Project Starting Date: November 1<sup>st</sup>, 2019 Project Completion Date: June 17<sup>th</sup>, 2019

Need: Describe the problem or deficiencies that exist which require the improvements described.

Students with disabilities are struggling with staying on grade level and accomplishing higher order level mathematics courses. As they move from grade level to grade level, they are found to be missing core components to further their education with success. Data has shown that students within special education are testing several grade levels below their proper grade level. This has resulted in gaps in understanding in the mathematics department. Students begin to struggle and easily shutdown when they feel they are failing with the content. This has resulted in an increase of negative behaviors being shown due to the frustration in the curriculum.

Strategy: Briefly describe your plan to alleviate the need/problem.

In order for students to have success in their mathematics courses, they need to have this ever-widening gap filled in. The program ALEKS, is a Web-based program that uses artificial intelligence to map the details of each student's knowledge. ALEKS knows whether each individual student has mastered a specific topic. ALEKS uses this knowledge to make learning more efficient and effective by continuously offering the student a selection of only the topics they are ready to learn now. This builds student confidence and learning momentum. The program will be used along with the curriculum being taught in a remediation and station format. To ensure that topics learned are retained in long term memory, ALEKS periodically reassesses the student, using the results to adjust the student's knowledge of the course. ALEKS offers textbook integration to align students' work with the content of the course. Through the use of this program, students will feel successful in the pre-course knowledge they need to know in order to have mastery of the current content. Students that feel they are being successful will improve their behaviors and become less frustrated than when they are struggling with the content.

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D. Objectives, Activities and Evaluation Techniques (This page may be duplicated if necessary)

Objectives	Program Activities to Accomplish Objectives	Completion Date	Evaluation Techniques
<p>To increase mastery of content on mathematics courses for students serviced by special education.</p>	<p>Students will be completing ALEKS program for remediation of needed pre-course knowledge.</p> <p>ALEKS will be used along with the current curriculum for reinforcement and differentiation based upon each student's individual needs.</p>	<p>June 17, 2019</p>	<p>NJSLA Scores</p> <p>MAP Assessments to be administered Winter 2020 and Spring 2020.</p> <p>Teacher made text and quizzes</p> <p>Marking period grades</p>

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E. Itemized Budget

Materials/Equipment	Services	Evaluation Techniques
<u>Item(s)</u>  <u>Cost</u>	<u>Item(s)</u> ALEKS Web-Based program 40 week subscription per student \$35 per student \$1,400 (40 students)  <u>Sub-total:</u>	<u>Item(s)</u>          <u>Cost</u>
<u>Sub-total:</u>	<u>Sub-total:</u>	<u>Sub-total:</u>
<u>Grand Total</u>		<u>Grand Total</u>