

1. Description of the project/program and the amount of your request.

To purchase a class subscription to ASD reading.com for 5 students \$300.00 & To purchase a class subscription to Mathseeds.com for 7 students \$200.00

2. Explanation of why the project/program is important and who will benefit from it.

ASD Reading.com can help my five lowest reading/writing level students to develop functional reading and writing skills. The program would be used each day at school. These are students with Intellectual Impaired Disability or Autistic Spectrum students. These children are in middle school, however they are functioning from Pre- Kindergarten to lower elementary school levels. Currently I am using a limited version of the program through a free trial period that ends in November. I have seen the students make progress in their reading skills. The students are excited to use the program and disappointed when their session is over each day. This is a research based program designed for this unique group of special needs students. See below for information from their website:

ASD Reading is a patented, research-based, adaptive software that teaches children on the spectrum --and others with significant language processing difficulties --to read and write to a third grade level. It provides a customized education for each student based on his or her abilities. This means that the program works for all students across the spectrum from those who are non-verbal children to those who are at the upper end of the continuum.

Checklist for what you need to use the program

- **Children who are non-verbal:**

Without requiring any spoken (expressive) language, the reading and writing activities of ASD Reading empower the children to develop a rich language system that enables them to understand the language they encounter in daily life, to enjoy and comprehend the language of books and to produce written messages for others. If a child is at least 3 years of age and not speaking, the program offers an excellent avenue to rich and effective language development. As a result of exposure to the program, some "non-verbal" children begin to speak.

- **Children who have restricted spoken language:**

Many children with language restricted to short formulations (generally under three to four words) cannot deal effectively with traditional reading instruction. For these children, ASD Reading offers a path to success. Although it does require expressive language, many children show improved spoken language through the written language mastery they attain. The program can be used with children four years of age on up.

- **Children with good decoding skills but poor comprehension:**

Many children on the spectrum find decoding to be easy and are able to accurately read complex texts, even at sixth grade level and above. However, their performance is marked by significant comprehension problems. Sometimes their performance is referred to as "word calling." ASD Reading is ideal for enabling these children to master the comprehension skills that have for so long eluded them. From the very outset, it offers the information they need to understand the "little" words that they often find so puzzling-- words such as "those, but, then, after," etc.). Then it proceeds to teach other key skills needed for comprehension such as summarization. Within a few months, both their spoken and written language skills advance in ways that are invaluable for their success in school and in social relationships. The program can be used across the age span—starting with children four years and above.

#2. The Mathseeds.com Program would benefit all 7 students in my class. This research based program targets missing math skills. Another benefit of the program is that it also has a reading and phonics program included in the cost. The program is adaptive to the students as their skills improve and provides additional practice/instruction on needed skills. The program comes with printable resources for the students to use at class or at home. The reading & phonics aspects of the program starts with basic skills that are not mastered and moves the students forward.

From the program's website:

Mathseeds teaches kids aged 3-9 the core math and problem solving skills needed to be successful at school with fun, highly interactive and rewarding lessons. Mathseeds combines highly structured lessons with fun motivational elements that keep children engaged and keen to learn. Mathseeds has been created by a highly experienced team of teachers, educational writers, animators and web developers, the same team that created Reading Eggs and Reading Eggspress. The program teaches early mathematical skills in highly structured lessons, and encourages children to learn because it's motivating and because it's so much fun. Each child progresses through the online lessons at their own pace and is rewarded for their achievements. All lessons and activities can be repeated as often as necessary; so that children can revise and consolidate skills. Mathematical knowledge and the ability to solve problems are essential skills that all children need to be successful at school. Mathseeds makes this possible with a program that can be used anytime and anywhere there is a computer or an iPad.

Each lesson begins with an interactive animation, led by one or more of the five key characters. Each new concept is modelled in a way that is both entertaining and educational. The child then completes a wide range of activities where they practice the new skill in different ways. These lessons are carefully paced using a range of short, playful activities that engage children as they build confidence in their newly acquired skills. Vibrant animation, playful songs and multiple rewards keep children motivated to learn while they have fun.

Each lesson ends with an e-book. The book reinforces the concept that has been taught in the lesson. These books are an entertaining way to ensure that children understand the language of mathematics. The book can be read independently or children can listen to the narration as they read along.

At the end of each map (5 lessons), children complete a multiple-choice quiz to assess what they have learned. If they pass, they are rewarded with a certificate that can be printed out as a reminder of their success and achievement. Blake eLearning is a highly experienced team that specializes in creating high quality literacy products for schools and educators throughout the world. Our company is a recognized leader in creating innovative, exciting programs that both teachers and children enjoy using.

Reading Eggs is based on **solid scientific research** to give your child the best chance at reading success. Using the **five essential keys to reading success**, the program unlocks all aspects of learning to read for your child.

3. A list of costs associated with the project/program and projected completion date.

The ASD Reading program is a minimum cost of \$300 for 5 to 6 students for the entire school year.

The Mathseeds/Reading Eggs Program is \$200.00 for the entire class for the entire school year.

I could send a complete progress report of the gains for each student in both programs the last week of May 2021.