

TECHNOLOGY INTEGRATION PROJECT GRANT PROPOSAL

Name of Applicant: Juan Batista

District/School: Paulding County Schools

Date: 4/27/2021

Total Cost of Project: \$6000.00

Title of Project: Language Acquisition App (extempore)

To what organization will you submit this grant application in the future?: Language Instruction for English Learners and Immigrant Students: <https://www.gadoe.org/School-Improvement/Teacher-and-Leader-Effectiveness/Pages/Title-II-Part-A-Home.aspx>

- I. Why is this project important (In 2-3 paragraphs, describe the need for the project and its relevance to the shared vision for instructional technology)?

This project is important because we have to prepare all ELL students to be successful in life. If the student has any obstacles that may hinder this goal, it is the duty of the community to make sure that those hurdles are removed. The mission of our county is to provide the technology infrastructure for every student and teacher to be technology literate and utilize technology as a vital component of the instructional program. It is imperative that education remain relevant to the age in which our students and staff live. The ability to gather, manipulate, and present data using technology as the medium is a required skill in the emerging global community. At the moment, the vision of the county is not being met in this area, therefore we must change the way we approach language acquisition to incorporate relevant technology that promotes higher level of thinking.

The school is now using antiquated language acquisition programs that promote rote repetition and drills, instead of enhancing the learning process by developing the ELL students' critical thinking skills to problem solve and to acquire the level of communication they need to be productive members of society. With this new technology, the students will be able to productively acquire the English language proficiency that will motivate them to continue into higher education fields.

- II. What would you like to accomplish (In 2-3 paragraphs, describe the project and list instructional objectives/project outcomes.)?

- The students will use the extempore app (<https://extemporeapp.com/>) to improve their communication, language comprehension and cultural development skills (ELD1). With the implementation of this new technology, students will be able to meet the standard in developing social and instructional communication, improving their communication and comprehension skills in the community as well as in the classroom.

- This new technology puts technology efficiency in the hands of the students and eliminates the need for an expensive language lab for speaking and listening practice. Students work on their computers or mobile devices (Oral Language Assessment Tools). The students will be assessed in real time through a pre-recorded video developed by the app or teacher created video. Students will be able to communicate information, interpret ideas and comprehend the content they need to become successful in the acquisition of the new language (ELD2).
- Improvement in Differentiation: The teacher records video and/or audio for later use while providing one-on-one assistance to the individual needs of the students. English Language Learners have the opportunity to master the standards by learning the target language, and improving in the areas of Mathematics, Social Studies and Science. Each teacher has the opportunity to address specific needs of the students by creating content specific lessons and address the areas for improvement.
- The interactive program allows the students and the teachers to work through the already in place district's online tool. This program is compatible with Canvas, the online classroom for the district. All the formative and summative assessments are recorded, providing data to increase student achievement while meeting the standards in technology from Paulding County Schools as an instructional strategy.
- Acquire and monitor student's progress through the use of data stored directly in the program and App. Using this information, teachers can adapt their lessons to promote higher order of thinking skills for students in any level.

III. In what ways is this project an example of exemplary technology integration (In 2-3 paragraphs discuss your project regarding one or more of the following: LoTi, SAMR, TPACK, TIM, etc.)?

This project is an example of exemplary technology integration because it is Student Directed, the students have the ability to ask questions that are meaningful to them. This project is also Performance-Based, because with the videos integrated in the app, the students will be graded on their performance and level of interest in the tasks. The students can access this tool from any device. With the implementation of 1:1 student device ratio, this tool will be a great asset to ensure the ELL students' success. This will be high LoTi level lessons because it can include all of the above mention strategies and also promote student collaboration through grouping for discussions.

Students will be able to improve their interpersonal communication skills by responding to specific questions provided on audio or video by their teachers or another pre-recorded lesson with different instructors. This will allow the students to differentiate among the different regional accents and pronunciations. Students will be able to create their own videos and audio recording through the camera/microphone feature of the app. So not only they will improve their writing and reading skills in the target language, but also they will improve their conversational skills.

IV. How will you complete the work? (Describe how the project will be completed.)

A. Describe how the instructional objectives/project outcomes will be met (2-3 paragraphs).

The students will begin by taking the pre-assessment in order to determine their level of proficiency in the language. With this data, the teacher can modify their existing lessons or develop new ones to

address the specific needs of the students. This will improve differentiation in the classroom and ensure the student success. Each teacher can post lessons for the students to work on during their ELL assessment class, this class is 90 minutes a day. With this extra help, when the students arrive at their specific classrooms, they will already have an idea of what the lesson will be like, and eliminate questions logistical questions and focus those questions in content instead.

The data collected from the pre-assessments will be examined and used to determine if the student needs more time to develop certain skills, and these students will be tutored as needed. But more importantly, the students who do not need the repetition will not have to suffer through lessons that they have already mastered, they can be moving at their own pace and be placed in the appropriate level. The subsequent set of data, will also determine the grade level these students will be placed and even identify students that may belong in gifted/honor classes.

- B. Describe the time involved (project length including amount of time each day/week; include a timeline for planning and implementation).

The length of the project will be determined by each individual student's data, however, the suggested time frame for the project is projected to be between five to ten months (amounts to either one semester or a school year). Based on the data collected on each of the students, teachers will determine if the individual student is ready to move on from the level they are into a higher level, or vice versa. If the data shows that the student needs more time to complete the program then the instruction will be modified to meet the student's need. The app will be used five days a week during the students' ELL assessment classes which last 90 minutes.

- C. Describe the people involved (grade level/subject & # of students, teachers and/or staff, other stakeholders).

- All general subject area teachers 9-11
- ELL teacher
- All ELL students

- D. Describe any professional development that you or others will complete prior to implementing the grant.

- Online training is provided by the company at no extra cost.
- One teacher will be the liaison between the tutorials and the teachers involved in the project. <https://help.extemporeapp.com/en/>
- This teacher will deliver PL during the Fridays PL day.

- E. Describe the materials needed for the project (provide links to relevant websites; include a written description of how the technology/ies will benefit students).

- Laptop/Smartphone/Pad.
- Licenses for students and teachers from <https://extemporeapp.com/>

This technology will benefit the students by providing them the freedom to work on assignments at any time of the day and anywhere they are. Students are not confined to the Media Center computer for the teacher to check on their progress. The students will receive one-on-one help from the teacher directly into their devices.

V. What is the timeline for assessing accomplishments and objectives/project outcomes (In 2-3 paragraphs, describe the program evaluation procedure. Explain how each objective will be measured and how success will be determined.)?

Using the pre-test feature on the app, teachers will use the data to determine what level the student should be placed or if the student needs more instructional time to master the standards that are being presented in the classrooms. After each standard, students are issued a post-assessment to determine the reach of the goal. Using the second set of data, teachers will determine if their individual class objective was met or if further instruction is necessary.

The assessments analyzes the level of comprehension in the different subject areas, therefore, the teachers will have individual classroom data to analyze and determine if the specific class individual goal was met.

VI. How will the students be impacted by the project (In 2-3 paragraphs, include details regarding how the impact on students will be assessed and reported to students, parents, teachers, and others.)?

Students will be impacted by improving their writing, reading, interpersonal, presentational, and interpretive communication skills. Their socio-cultural knowledge will also improve because of the diverse group of students which whom they will be interacting, not only other ELL students but also general education students who may share their same interests.

The students' performance on standardized test will show their level of improvement in the areas of comprehension, reading and math. Parents will be able to follow their students' progress as they will be notified of their progress.

VII. What is the proposed budget? Include information on the following:

A. Materials/supplies

- Licenses for teachers and students for one calendar year: \$6000.00

B. Equipment

- 1:1 student device already approved.

C. Total Cost of Proposed Project (include a line item for any required professional development)

- Professional Development is provided with the licenses at no cost.
- One teacher will be the liaison between the company and the staff, to provide additional support during PL.
- Total Cost: \$6000.00

D. Additional Funding Sources

None.

VII. List your supporting references.

Paulding County School District / Homepage. (n.d.). Retrieved April 15, 2021, from https://www.paulding.k12.ga.us/cms/lib/GA01903603/Centricity/Domain/207/PCSD_Technology_Plan_2018_final.pdf

Georgia Department of Education: ESOL Standards. Retrieved April 15, 2021, from <https://www.georgiastandards.org/resources/Pages/Tools/ESOL.aspx>

WIDA Consortium: ELD Standards. Retrieved April 15, 2021, from <https://wida.wisc.edu/sites/default/files/resource/WIDA-ELD-Standards-Framework-2020.pdf>

Oral Language Assessment Tools, Open Free Instructor Account. (2020.). Retrieved July 10, 2020, from <https://extemporeapp.com/>

**INSTRUCTIONAL TECHNOLOGY GRANT PROPOSAL
EVALUATION FORM/SCORING RUBRIC**

Total Points (out of 300): _____

1. Impacts a variety of skill levels and/or learning styles or impacts an important target population.

Possible number of points: 60 _____

2. Clearly identifies standards and learning objectives/project outcomes being addressed.

Possible number of points: 60 _____

3. Pedagogically sound, based on research and/or best practices.

Possible number of points: 60 _____

4. Clear plan for assessment of project and goals with examples of implementation methods.

Possible number of points: 60 _____

5. Impacts large number of students and/or can be recycled/reused.

Possible number of points: 60 _____

General Comments: