Agency: Preparatory CS of Mathematics Science Tech and Careers

AUN: 126512960 Grant Content Report

Section: Narratives - Needs Assessment

Introduction

The findings of a recent study showed that there is a significant benefit to students who participate in out-of-school-time (OST) programs. In fact, the Return on Investment of Summer school Programs in Pennsylvania study determined that for every dollar invested in summer school programming for students there was a return of \$6.69 in potential benefits to students, including reduced rates for dropouts, teen pregnancy, substance abuse, crime and delinquency (Link PSAYDN.org).

In accordance with the American Rescue Plan (ARP) Act and Pennsylvania Act 24 of 2021 (Act 24), the Pennsylvania Department of Education (PDE) will award approximately \$50,000,000 or one percent (1%) of Pennsylvania's ARP Elementary and Secondary School Education Relief (ESSER) State Reserve funds to support school districts, charter schools and cyber charter schools (collectively, LEAs) in the development and implementation of comprehensive after-school programs to address learning loss in response to the academic, social, emotional and mental health needs of students and subgroups of students impacted by COVID-19 public health emergency that supplement school programs and activities.

Act 24 requires that, when available, existing personnel shall be utilized by school districts, charter schools and cyber charter schools to staff programs and activities established with these grant funds.

Within 90 days of receipt of these allocations, school districts, charter schools and cyber charter schools must submit a three- part plan to PDE, that outlines the proposed use of the grant money, itemized by program and activity. This plan is part of a consolidated application that includes after-school programming, summer programming, and a comprehensive plan to address learning loss. The plan shall include:

- 1) A description of each program and activity
- 2) A narrative outlining the expected benefit of each program and activity
- 3) A budget for each program and activity detailing personnel and operating costs

PDE has developed the Accelerated Learning Toolkit, a significant cadre of resources and trainings, to support LEAs in the development of their plans. The Accelerated Learning Toolkit can be found Link to Accelerated Learning Toolkit.

Section 1 - Needs Assessment: In this section, LEAs are asked to describe the impact of the pandemic on their students since March 2020.

Indicators of Impact

1. Describe how the LEA identified students for inclusion in a summer school program. Include a brief description of the indicators used in the decision-making process.

The following indicators, by category, will be utilized in identifying students for inclusion in the summer program: Academic Impact & Loss of TimeNWEA Measure of Academic Progress Reading and Math Scores (administered 3x per year); Keystone scores. Individual teacher pre-

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test/diagnostic tests, midterms, and final exam data; Analysis of this data will help identify which standards were not covered and which need to be retaught for the following school year. Data collected during department, professional learning community (PLC), and grade group bi-weekly meetings where educational losses were discussed. Chronic Absenteeism: Powerschool attendance data will be analyzed to determine the extent of the absenteeism. Restorative meetings with guardians to determine the root cause of absenteeism. The analysis of data from grade group meetings which showed a clear correlation between absenteeism and subject failures. Student Engagement: Analysis of formative assessments in individual classrooms. Results of Student/Family Surveys that were administered throughout the 2020-2021 school year by both individual teachers and school-wide. Information collected from individual teachers demonstrated that group work and student collaboration was lacking during online learning because of limited platform understanding; Student engagement was also lacking during direct instruction as microphones and cameras were not a requirement and caused a distraction due to home life. Social/Emotional Well BeingOver 100% increase in mental health diagnoses and student hospitalization for depression and suicidal ideationSurvey data from Student and Parent/Guardian SurveysParent/Guardian outreach to reduce stigma and increase communicationClassroom check-ins to gauge student well being

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Section: Narratives - Summer School Program Questions

Summer School Program Questions: In this section, LEAs are asked to describe the activities they have designed to provide summer school programming for their students.

2. Identify the target student-group for the summer school program. Will the focus be on academic growth, social and emotional wellness, or some other factor to support student growth? For each group, provide specific strategies that were used or will be used to identify and measure impacts.

Student Group	Area of Focus	Number of Students Served	Provide specific strategies that were used or will be used to identify and measure impacts
Children with Disabilities	Academic Growth	28	Math 180 & Read 180 programs correlated to IEP objectives- These programs allow for instruction in math and reading to be individualized based on the students' needsBoth programs have embedded assessments that will allow progress to be measured
Major Racial and Ethnic Groups	Academic Growth	50	Using the school's Learning Management System, Schoology, portions of the curriculum that studnents have failed to master during the regular school year can be administered in the summer program, allowing the program to individualize curriculum content based on the individual needs of learners

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Student Group	Area of Focus	Number of Students Served	Provide specific strategies that were used or will be used to identify and measure impacts

3. Describe the evidence-based resources that will be used to support student growth during the summer school program.

Math 180- What were the results on the fidelity-of-treatment implementation measure? As reported in the research update "Early Outcome Effects of a Blended Learning Model for Math Intervention Instruction With Special Population Students" average progress through the blocks for SPED, EL and FRL was 3.43, 4.34, and 3.88 respectively. These are within the normal and expected ranges for MATH 180. Teacher facilitated instruction progressed to block 5 which was also within the normal and expected range of progress for the program. Teachers were also observed at three separate times throughout the study year although there was no second observer so intercoder agreement was not applicable. Was the fidelity measure also used in control classrooms?Yes, the surveys, interviews and observations.Read 180:READ 180 Universal was developed with the era of rigorous standards foremost in our minds, especially with the intent to support students at risk for academic challenges. We firmly believe that all students can learn to read complex texts, and that the responsibility of learners' literacy and language development is shared between the teacher and the student within the school, as well as with parents and community leaders outside the school. As such, we seek to provide teachers and parents with the tools necessary to be effective in building what Linda Darling-Hammond calls "shared responsibility" (Darling-Hammond, 2004). With READ 180 Universal, we intend to provide all teachers, students, and families with well-designed, comprehensive, and individualized learning opportunities that motivate students to reach their full potential.

4. Describe the staff that will provide the summer school program (i.e,. internal staff or outside resources).

Number of Staff Members	Internal/Outside Provider	Role	
15	Internal Provider	Administrators, teachers, counselor and social worker	

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a. The LEA assures it understands it is responsible to offer the work to its internal employees prior to engaging outside entities.

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b. The LEA assures it understands it is responsible to ensure that all summer school program staff hold the appropriate certifications for the program that is being delivered.

5. How will the LEA assess the success of the summer school program? Please identify the tool, frequency of use, and expected results.

Tool Used to Evaluate Success	Frequency of Use	Expected Results	
Embedded assessments in Math & Reading 180, as well as NWEA MAP assessments that will be administered in the fall	daily, weekly and summatively at end of summer term	It is expected that students will master 80% of the instructional program prescribed for them during the summer program	

6. How will the LEA engage families in the summer school program?

CPAC, Prep Charter's parent organization, has two members who represent the families on the Prep Charter Board of Trustees. The Prep Board must approve the entire summer program including the indicators used to identify students for participation and the academic and social emotional content of programming that will be utilized. In addition, teachers make every effort to involve families throughout the year regarding student progress and the need for after school support.

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Section: Budget - Instruction Expenditures

Instruction Expenditures

Budget

\$48,440.00

Allocation

\$48,440.00

Budget Over(Under) Allocation

\$0.00

Budget Summary

Function	Object	Amount	Description
1100 - REGULAR PROGRAMS – ELEMENTARY / SECONDARY	100 - Salaries	\$36,000.00	Salaries
1100 - REGULAR PROGRAMS – ELEMENTARY / SECONDARY	GRAMS – 200 - Benefits		Related benefits
		\$48,440.00	

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Grant Content Report

Section: Budget - Support and Non-Instructional Expenditures

Support and Non-Instructional Expenditures

Budget

\$48,440.00

Allocation

\$48,440.00

Budget Over(Under) Allocation

\$0.00

Budget Summary

Function	Object	Amount	Description
		\$	
		\$0.00	

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Grant Content Report

Section: Budget - Budget Summary

BUDGET SUMMARY

	100 Salaries	200 Benefits	300 Purchased Professional and Technical Services	400 Purchased Property Services	500 Other Purchased Services	600 Supplies 800 Dues and Fees	700 Property	Totals
1000 Instruction	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
1100 REGULAR PROGRAMS - ELEMENTARY / SECONDARY	\$36,000.00	\$12,440.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$48,440.00
1200 SPECIAL PROGRAMS - ELEMENTARY / SECONDARY	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
1300 CAREER AND TECHNICAL EDUCATION	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
1400 Other Instructional Programs – Elementary / Secondary	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
1600 * ADULT EDUCATION PROGRAMS	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
1700 Higher Education Programs	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
1800 Pre-K	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2000 SUPPORT SERVICES	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2100 SUPPORT SERVICES – STUDENTS	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2200 Staff Support	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00

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	100 Salaries	200 Benefits	300 Purchased Professional and Technical Services	400 Purchased Property Services	500 Other Purchased Services	600 Supplies 800 Dues and Fees	700 Property	Totals
Services								
2300 SUPPORT SERVICES – ADMINISTRATION	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2400 Health Support Services	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2500 Business Support Services	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2600 Operation and Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2700 Student Transportation	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2800 Central Support Services	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3000 OPERATION OF NON- INSTRUCTIONAL SERVICES	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3100 Food Services	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3200 Student Activities	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3300 Community Services	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4000 FACILITIES ACQUISITION, CONSTRUCTION AND IMPROVEMENT SERVICES	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00

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100 Salaries	200 Benefits	300 Purchased Professional and Technical Services	400 Purchased Property Services	500 Other Purchased Services	600 Supplies 800 Dues and Fees	700 Property	Totals
\$36,000.00	\$12,440.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$48,440.00
			Approved	Indirect Cost/C	Operational R	ate: 0.0000	\$0.00
				\$48,440.00			