	Project A	Awa	rd Notification			
1	PROJECT RECIPIENT	2	PROJECT NUMBER			
	Brevard County School District		050-1211R-2CR01			
3	PROJECT/PROGRAM TITLE	ECT/PROGRAM TITLE 4 AUTHORITY				
	Targeted Mathematics Grants and STEM	84.425U ARP ESSER				
	Experiential Activities		USDE or Appropriate Agene	cy		
	TAPS 22A221		FAIN#: S425U210052			
5	AMENDMENT INFORMATION	6	PROJECT PERIODS			
	Amendment Number:					
	Type of Amendment:		Budget Period: 10/28/2022 - 0	09/30/2024		
	Effective Date:		Program Period:10/28/2022 -	09/30/2024		
7	AUTHORIZED FUNDING	8	REIMBURSEMENT OPTIC	ON		
	Current Approved Budget: \$857,900.00		Federal Cash Advance			
	Amendment Amount:					
	Estimated Roll Forward:					
	Certified Roll Amount:					
	Total Project Amount:\$857,900.00					
9	TIMELINES					
	• Last date for incurring expenditures and issuing			09/30/2024		
	• Date that all obligations are to be liquidated and					
	• Last date for receipt of proposed budget and pro	ogra	m amendments:	08/30/2024		
	• Refund date of unexpended funds; mail to DOE	Co	mptroller, 325 W. Gaines Street	'9		
	944 Turlington Building, Tallahassee, Florida 3	239	9-0400:			
	• Date(s) for program reports:					
	• Federal Award Date :			03/24/2021		
	DOE CONTACTS		Comptroller Office			
10	DOE CONTACTS		Comptroner Office	UEI#: M2CKC5FG3MD6		
10	Program: Patricia Duncan		Phone : (850) 245-0401	UEI#: M2CKC5FG3MD6 FEIN#: F596000522003		
10	Program:Patricia DuncanPhone:(850) 245-0808					
10	Program:Patricia DuncanPhone:(850) 245-0808Email:Patricia.Duncan@fldoe.org					
	Program:Patricia DuncanPhone:(850) 245-0808Email:Patricia.Duncan@fldoe.orgGrants Management:Unit A (850) 245-0735					
10 11	Program:Patricia DuncanPhone:(850) 245-0808Email:Patricia.Duncan@fldoe.orgGrants Maragement:Unit A (850) 245-0735TERMS AND SPECIAL CONDITIONS		Phone : (850) 245-0401	FEIN#: F596000522003		
	Program:Patricia DuncanPhone:(850) 245-0808Email:Patricia.Duncan@fldoe.orgGrants Management:Unit A (850) 245-0735TERMS AND SPECIAL CONDITIONSThis project and any amendments are subject to the pro-		Phone: (850) 245-0401 ares outlined in the <u>Project Applica</u>	FEIN#: F596000522003		
11	Program: Patricia Duncan Phone: (850) 245-0808 Email: Patricia.Duncan@fldoe.org Grants Management: Unit A (850) 245-0735 TERMS AND SPECIAL CONDITIONS This project and any amendments are subject to the profor Federal and State Programs (Green Book) and the other state Program state Programs (Green Book) and the other state Program	Gene	Phone: (850) 245-0401 ares outlined in the <u>Project Applica</u> ral Assurances for Participation in	FEIN#: F596000522003 tion and Amendment Procedures Federal and State Programs and		
11	Program:Patricia DuncanPhone:(850) 245-0808Email:Patricia.Duncan@fldoe.orgGrants Management:Unit A (850) 245-0735TERMS AND SPECIAL CONDITIONSThis project and any amendments are subject to the pro-	Gene	Phone: (850) 245-0401 ures outlined in the <u>Project Applica</u> ral Assurances for Participation in	FEIN#: F596000522003 tion and Amendment Procedures Federal and State Programs and		
11	Program: Patricia Duncan Phone: (850) 245-0808 Email: Patricia.Duncan@fldoe.org Grants Management: Unit A (850) 245-0735 TERMS AND SPECIAL CONDITIONS This project and any amendments are subject to the profor Federal and State Programs (Green Book) and the Green Book) and the Green Book and requirements of the Request for Proposal For federal cash advance projects, expenditures must b	Gene l or I e rec	Phone: (850) 245-0401 ares outlined in the <u>Project Applica</u> ral Assurances for Participation in Request for Application, RFP/RFA, corded in the Florida Grants System	FEIN#: F596000522003 tion and Amendment Procedures Federal and State Programs and hereby incorporated by reference. n (FLAGS) as close as is		
11	Program: Patricia Duncan Phone: (850) 245-0808 Email: Patricia.Duncan@fldoe.org Grants Management: Unit A (850) 245-0735 TERMS AND SPECIAL CONDITIONS This project and any amendments are subject to the profor Federal and State Programs (Green Book) and the Green the terms and requirements of the Request for Proposal For federal cash advance projects, expenditures must be administratively feasible to when actual disbursements	Gene l or I be rec are i	Phone: (850) 245-0401 ares outlined in the <u>Project Applica</u> ral Assurances for Participation in Request for Application, RFP/RFA, corded in the Florida Grants System nade for this project. Cash transact	FEIN#: F596000522003 tion and Amendment Procedures Federal and State Programs and hereby incorporated by reference. n (FLAGS) as close as is ion requests must be limited to		
11	Program: Patricia Duncan Phone: (850) 245-0808 Email: Patricia.Duncan@fldoe.org Grants Management: Unit A (850) 245-0735 TERMS AND SPECIAL CONDITIONS This project and any amendments are subject to the profor Federal and State Programs (Green Book) and the Green Book) and the Green Book and requirements of the Request for Proposal For federal cash advance projects, expenditures must b	Gene l or I be rec are i	Phone: (850) 245-0401 ares outlined in the <u>Project Applica</u> ral Assurances for Participation in Request for Application, RFP/RFA, corded in the Florida Grants System nade for this project. Cash transact	FEIN#: F596000522003 tion and Amendment Procedures Federal and State Programs and hereby incorporated by reference. n (FLAGS) as close as is ion requests must be limited to		
11	Program: Patricia Duncan Phone: (850) 245-0808 Email: Patricia.Duncan@fldoe.org Grants Management: Unit A (850) 245-0735 TERMS AND SPECIAL CONDITIONS This project and any amendments are subject to the profor Federal and State Programs (Green Book) and the Q the terms and requirements of the Request for Proposal For federal cash advance projects, expenditures must be administratively feasible to when actual disbursements amounts needed and be timed with the actual, immedia	Gene l or I e rec are 1 te ca	Phone: (850) 245-0401 ures outlined in the <u>Project Applica</u> ral Assurances for Participation in Request for Application, RFP/RFA, corded in the Florida Grants System made for this project. Cash transact sh requirements to carry out the pu	FEIN#: F596000522003 tion and Amendment Procedures Federal and State Programs and hereby incorporated by reference. (FLAGS) as close as is ion requests must be limited to rpose of the approved project.		
11	Program: Patricia Duncan Phone: (850) 245-0808 Email: Patricia.Duncan@fldoe.org Grants Management: Unit A (850) 245-0735 TERMS AND SPECIAL CONDITIONS This project and any amendments are subject to the profor Federal and State Programs (Green Book) and the 0 the terms and requirements of the Request for Proposal For federal cash advance projects, expenditures must b administratively feasible to when actual disbursements amounts needed and be timed with the actual, immedia All provisions not in conflict with any amendment(s) at	Gene l or I e rec are 1 te ca	Phone: (850) 245-0401 ures outlined in the <u>Project Applica</u> ral Assurances for Participation in Request for Application, RFP/RFA, corded in the Florida Grants System made for this project. Cash transact sh requirements to carry out the pu	FEIN#: F596000522003 tion and Amendment Procedures Federal and State Programs and hereby incorporated by reference. (FLAGS) as close as is ion requests must be limited to rpose of the approved project.		
11	Program: Patricia Duncan Phone: (850) 245-0808 Email: Patricia.Duncan@fldoe.org Grants Management: Unit A (850) 245-0735 TERMS AND SPECIAL CONDITIONS This project and any amendments are subject to the profor Federal and State Programs (Green Book) and the O the terms and requirements of the Request for Proposal For federal cash advance projects, expenditures must b administratively feasible to when actual disbursements amounts needed and be timed with the actual, immedia All provisions not in conflict with any amendment(s) a specified in the project award notification.	Gene l or I e rec are 1 te ca re sti	Phone: (850) 245-0401 ures outlined in the <u>Project Applica</u> ral Assurances for Participation in Request for Application, RFP/RFA, corded in the Florida Grants System nade for this project. Cash transact sh requirements to carry out the pu ll in full force and effect and are to	FEIN#: F596000522003 tion and Amendment Procedures Federal and State Programs and hereby incorporated by reference. (FLAGS) as close as is ion requests must be limited to rpose of the approved project.		
11	Program: Patricia Duncan Phone: (850) 245-0808 Email: Patricia.Duncan@fldoe.org Grants Management: Unit A (850) 245-0735 TERMS AND SPECIAL CONDITIONS This project and any amendments are subject to the profor Federal and State Programs (Green Book) and the 0 the terms and requirements of the Request for Proposal For federal cash advance projects, expenditures must b administratively feasible to when actual disbursements amounts needed and be timed with the actual, immedia All provisions not in conflict with any amendment(s) at	Gene l or I e rec are 1 te ca re sti	Phone: (850) 245-0401 ures outlined in the <u>Project Applica</u> ral Assurances for Participation in Request for Application, RFP/RFA, corded in the Florida Grants System nade for this project. Cash transact sh requirements to carry out the pu ll in full force and effect and are to	FEIN#: F596000522003 tion and Amendment Procedures Federal and State Programs and hereby incorporated by reference. (FLAGS) as close as is ion requests must be limited to rpose of the approved project.		
11	Program: Patricia Duncan Phone: (850) 245-0808 Email: Patricia.Duncan@fldoe.org Grants Management: Unit A (850) 245-0735 TERMS AND SPECIAL CONDITIONS This project and any amendments are subject to the profor Federal and State Programs (Green Book) and the O the terms and requirements of the Request for Proposal For federal cash advance projects, expenditures must b administratively feasible to when actual disbursements amounts needed and be timed with the actual, immedia All provisions not in conflict with any amendment(s) a specified in the project award notification.	Gene l or I e rec are 1 te ca re sti	Phone: (850) 245-0401 ures outlined in the <u>Project Applica</u> ral Assurances for Participation in Request for Application, RFP/RFA, corded in the Florida Grants System nade for this project. Cash transact sh requirements to carry out the pu ll in full force and effect and are to	FEIN#: F596000522003 tion and Amendment Procedures Federal and State Programs and hereby incorporated by reference. (FLAGS) as close as is ion requests must be limited to rpose of the approved project.		
11	Program:Patricia DuncanPhone:(850) 245-0808Email:Patricia.Duncan@fldoe.orgGrants Management:Unit A (850) 245-0735TERMS AND SPECIAL CONDITIONSThis project and any amendments are subject to the profor Federal and State Programs (Green Book) and the Green the terms and requirements of the Request for ProposalFor federal cash advance projects, expenditures must be administratively feasible to when actual disbursements amounts needed and be timed with the actual, immediaAll provisions not in conflict with any amendment(s) as specified in the project award notification.The Department's approval of this contract/grant does	Gene l or I e rec are 1 te ca re sti	Phone: (850) 245-0401 ures outlined in the <u>Project Applica</u> ral Assurances for Participation in Request for Application, RFP/RFA, corded in the Florida Grants System nade for this project. Cash transact sh requirements to carry out the pu ll in full force and effect and are to	FEIN#: F596000522003 tion and Amendment Procedures Federal and State Programs and hereby incorporated by reference. (FLAGS) as close as is ion requests must be limited to rpose of the approved project.		
11 • •	Program:Patricia DuncanPhone:(850) 245-0808Email:Patricia.Duncan@fldoe.orgGrants Management:Unit A (850) 245-0735TERMS AND SPECIAL CONDITIONSThis project and any amendments are subject to the profor Federal and State Programs (Green Book) and the Green the terms and requirements of the Request for ProposalFor federal cash advance projects, expenditures must be administratively feasible to when actual disbursements amounts needed and be timed with the actual, immediaAll provisions not in conflict with any amendment(s) as specified in the project award notification.The Department's approval of this contract/grant does	Gene l or I e rec are 1 te ca re sti	Phone: (850) 245-0401 ures outlined in the <u>Project Applica</u> ral Assurances for Participation in Request for Application, RFP/RFA, corded in the Florida Grants System nade for this project. Cash transact sh requirements to carry out the pu ll in full force and effect and are to	FEIN#: F596000522003		
11 • •	Program: Patricia Duncan Phone: (850) 245-0808 Email: Patricia.Duncan@fldoe.org Grants Management: Unit A (850) 245-0735 TERMS AND SPECIAL CONDITIONS This project and any amendments are subject to the profor Federal and State Programs (Green Book) and the O the terms and requirements of the Request for Proposal For federal cash advance projects, expenditures must b administratively feasible to when actual disbursements amounts needed and be timed with the actual, immedia All provisions not in conflict with any amendment(s) a specified in the project award notification. The Department's approval of this contract/grant does Other:	Gene l or I e rec are r tte ca re sti	Phone: (850) 245-0401 ares outlined in the <u>Project Applica</u> ral Assurances for Participation in Request for Application, RFP/RFA, corded in the Florida Grants System nade for this project. Cash transact sh requirements to carry out the pu ll in full force and effect and are to excuse compliance with any law.	FEIN#: F596000522003 tion and Amendment Procedures Federal and State Programs and hereby incorporated by reference. (FLAGS) as close as is ion requests must be limited to rpose of the approved project.		
11 • •	Program: Patricia Duncan Phone: (850) 245-0808 Email: Patricia.Duncan@fldoe.org Grants Management: Unit A (850) 245-0735 TERMS AND SPECIAL CONDITIONS This project and any amendments are subject to the profor Federal and State Programs (Green Book) and the Othe terms and requirements of the Request for Proposal For federal cash advance projects, expenditures must b administratively feasible to when actual disbursements amounts needed and be timed with the actual, immedia All provisions not in conflict with any amendment(s) a specified in the project award notification. The Department's approval of this contract/grant does Other: Amaelia Rivers	Gene l or I e rec are 1 te ca re sti not c	Phone: (850) 245-0401 ares outlined in the <u>Project Applica</u> ral Assurances for Participation in Request for Application, RFP/RFA, corded in the Florida Grants System made for this project. Cash transact sh requirements to carry out the pu ll in full force and effect and are to excuse compliance with any law.	FEIN#: F596000522003		
11 • •	Program: Patricia Duncan Phone: (850) 245-0808 Email: Patricia.Duncan@fldoe.org Grants Management: Unit A (850) 245-0735 TERMS AND SPECIAL CONDITIONS This project and any amendments are subject to the profor Federal and State Programs (Green Book) and the Orthe terms and requirements of the Request for Proposal For federal cash advance projects, expenditures must be administratively feasible to when actual disbursements amounts needed and be timed with the actual, immedia All provisions not in conflict with any amendment(s) as specified in the project award notification. The Department's approval of this contract/grant does Other: AppROVED: Authorized Official on behalf of the	Gene l or I e rec are 1 te ca re sti not c	Phone: (850) 245-0401 ares outlined in the <u>Project Applica</u> ral Assurances for Participation in Request for Application, RFP/RFA, corded in the Florida Grants System nade for this project. Cash transact sh requirements to carry out the pu ll in full force and effect and are to excuse compliance with any law.	FEIN#: F596000522003		
11 • •	Program: Patricia Duncan Phone: (850) 245-0808 Email: Patricia.Duncan@fldoe.org Grants Management: Unit A (850) 245-0735 TERMS AND SPECIAL CONDITIONS This project and any amendments are subject to the profor Federal and State Programs (Green Book) and the Othe terms and requirements of the Request for Proposal For federal cash advance projects, expenditures must b administratively feasible to when actual disbursements amounts needed and be timed with the actual, immedia All provisions not in conflict with any amendment(s) a specified in the project award notification. The Department's approval of this contract/grant does Other: Amaelia Rivers	Gene l or I e rec are 1 te ca re sti not c	Phone: (850) 245-0401 ares outlined in the <u>Project Applica</u> ral Assurances for Participation in Request for Application, RFP/RFA, corded in the Florida Grants System made for this project. Cash transact sh requirements to carry out the pu ll in full force and effect and are to excuse compliance with any law.	FEIN#: F596000522003		
11 • • 12	Program: Patricia Duncan Phone: (850) 245-0808 Email: Patricia.Duncan@fldoe.org Grants Management: Unit A (850) 245-0735 TERMS AND SPECIAL CONDITIONS This project and any amendments are subject to the profor Federal and State Programs (Green Book) and the Orthe terms and requirements of the Request for Proposal For federal cash advance projects, expenditures must be administratively feasible to when actual disbursements amounts needed and be timed with the actual, immedia All provisions not in conflict with any amendment(s) as specified in the project award notification. The Department's approval of this contract/grant does Other: AppROVED: Authorized Official on behalf of the	Gene l or I e rec are 1 te ca re sti not c	Phone: (850) 245-0401 ares outlined in the <u>Project Applica</u> ral Assurances for Participation in Request for Application, RFP/RFA, corded in the Florida Grants System made for this project. Cash transact sh requirements to carry out the pu ll in full force and effect and are to excuse compliance with any law.	FEIN#: F596000522003		

Florida Department of Education

INSTRUCTIONS PROJECT AWARD NOTIFICATION

- **1** Project Recipient: Agency, Institution or Non-Governmental entity to which the project is awarded.
- 2 Project Number: This is the agency number, grant number, and project code that must be used in all communication. (Projects with multiple project numbers will have a separate DOE-200 for each project number).
- **3** Project Description: Title of program and/or project. TAPS #: Departmental tracking number.
- 4 Authority: Federal Grants Public Law or authority and CFDA number. State Grants Appropriation Line Item Number and/or applicable statute and state identifier number.
- 5 Amendment Information: Amendment number (consecutively numbered), type (programmatic, budgeting, time extension or others) in accordance with the <u>Project Application and Amendment Procedures for Federal and State Programs</u> (Green Book), and effective date.
- 6 Project Periods: The periods for which the project budget and program are in effect.
- 7 Authorized Funding: Current Approved Project (total dollars available prior to any amendments); Amendment Amount (total amount of increase or decrease in project funding); Estimated Roll Forward (roll forward funds which have been estimated into this project); and Total Project Amount (total dollars awarded for this project).
- 8 Reimbursement Options:
 - Federal Cash Advance -- On-Line Reporting required monthly to record expenditures.
 - Advance Payment Upon receipt of the Project Award Notification, up to 25% of the total award may be advanced for the first payment period. To receive subsequent payments, 90% of previous expenditures must be documented and approved by the Department.
 - Quarterly Advance to Public Entity For quarterly advances of non-federal funding to state agencies and LEAs made in accordance within the authority of the General Appropriations Act. Expenditures must be documented and reported to DOE at the end of the project period. If audited, the recipient must have expenditure detail documentation supporting the requested advances.

Reimbursement with Performance - Payment made upon submission of documented allowable expenditures, plus documentation of completion of specified performance objectives.

- 9 Timelines: Date requirements for financial and program reporting/requests to the Department of Education.
- 10 DOE Contacts: Program contact for program issues, Grants Management Unit for processing issues, and Comptroller's Office number for payment information.
- 11 Terms and Special Conditions: Listed items apply to this project. (Additional space provided on Page 2 of 2 if needed.)
- 12 Approved: Approval signature from the Florida Department of Education and the date signature was affixed.

DOE-200 Revised 07/15

Page 2 of 2

FLORIDA DEPARTMENT OF EDUCATION PROJECT APPLICATION

Please return to:	A) Program Name:	DOE USE ONLY		
Florida Department of Education Office of Grants Management ShareFile System	Targeted Mathematics Grants and STEM Experiential Activities TAPS NUMBER: #22A221	Date Received		
· · ·	and Address of Eligible Applicant:	Desired New Jose (DOE Assisted)		
Brevard Public Schools		Project Number (DOE Assigned)		
2700 Judge Fran Jamieson Way, Viera, FL, 32940		xxx-1211R-2CR01		
C) Total Funds Requested:	D) Applicant Contact &	D) Applicant Contact & Business Information		
\$857,900.00	Frank Stockman	Telephone Numbers; 321.633.1000 ext 11348		
DOE USE ONLY	Fiscal Contact Name: Vonda Hayes	321.633.1000 ext 11682		
Total Approved Project: \$43,000,00	2700 Judge Fran Jamieson	E-mail Addresses: stockman.frank@brevardschools.org hayes.vonda@brevardschools.org		
\$75,000,00	Physical/Facility Address: 2700 Judge Fran Jamieson Way, Viera, FL, 32940	UEI number: 364622886 FEIN number: F596000522003		

CERTIFICATION

I, Mark W. Mullins, Ed.D. , (Please Type Name) as the official who is authorized to legally bind the agency/organization, do hereby certify to the best of my knowledge and belief that all the information and attachments submitted in this application are true, complete and accurate, for the purposes, and objectives, set forth in the RFA or RFP and are consistent with the statement of general assurances and specific programmatic assurances for this project. I am aware that any false, fictitious or fraudulent information or the omission of any material fact may subject me to criminal, or administrative penalties for the false statement, false claims or otherwise. Furthermore, all applicable statutes, regulations, and procedures; administrative and programmatic requirements; and procedures for fiscal control and maintenance of records will be implemented to ensure proper accountability for the expenditure of funds on this project. All records necessary to substantiate these requirements will be available for review by appropriate state and federal staff. I further certify that all expenditures will be obligated on or after the effective date and prior to the termination date of the project. Disbursements will be reported only as appropriate to this project, and will not be used for matching funds on this or any special project, where prohibited.

Further, I understand that it is the responsibility of the agency head to obtain from its governing body the authorization for the submission of this application.

M. Mullins

Superintendent Title

8/24/22



DOE 100A Revised June 2022

Page 1 of 2

Brevard Public Schools - 050

Targeted Mathematics Grants & STEM Experiential Activities TAPS# 22A221

Targeted Mathematics Grants

Project Abstract:

BPS's goal is to provide access to a high-quality curriculum combined with high quality instructional practices that include a strong focus on student centered learning. Implementing B.E.S.T. benchmarks in Math with fidelity aligns with this goal naturally.

Research shows that teacher efficacy has a high effect size. The instructional coaches will support in building teacher efficacy which in turn will translate to achieving our goal and close achievement gaps in math.

Project Design:

- The eight math instructional coaches will support teachers at schools based on lower student achievement data
- The eight K-6 Math Coaches will attend the FLDOE sponsored BEST Standards professional development in June 2023.
- > This ongoing support throughout the 2022-23 school year will include -
 - planning, implementing, co-teaching, modelling, reflecting, and evaluating research-based math instructional practices such as the use of the '5 Practices for Orchestrating Productive Mathematics Discussions' (MA. K12. MTR.4.1) and B.E.S.T. aligned curriculum
 - ✓ building the importance of applying mathematics to real-world contexts (MA.K12.MTR.7.1)
 - ✓ providing timely professional learning opportunities to increase understanding and implementation of B.E.S.T. Math benchmarks with intentional focus on horizontal and vertical progressions
 - ✓ providing timely professional learning opportunities to increase understanding and implementation of the Mathematical Thinking and Reasoning Standards (MTRs)
 - ✓ using strong Tier 1 instructions that includes appropriate differentiated instruction strategies. (*This will align with and include information from trainings received in June 2022 B.E.S.T Workshops conducted by DOE*.)
 - ✓ building understanding of tiering instruction and NOT students
 - ✓ using knowledge of pre-requisite learning to help students mitigate the impact of any learning loss that has been incurred. (*B.E.S.T. aligned documents such as the Transition documents and the B1G-M will be used.*)
 - ✓ using on-going progress monitoring tools to ensure students' needs are being met based on their entry points into the grade level B.E.S.T. math benchmarks.

Data and Measurements:

Qualitative Measurements

- Informal observations based on Classroom walkthroughs
- Teacher reflections on student engagement

Quantitative Measurements

- I-Ready Math proficiency levels
- F.A.S.T. Math progress monitoring

Baseline Score

At the end of 2021-22 academic year, based on i-Ready scores,

- > 39% of our students were one or more grade levels below
- > 24% of our students were performing at early stages of the grade level

Project Deliverables:

- Increase in student achievement, monitored by a decrease in percent of students who are performing one or more grade levels below
- > Increase in formal administrator evaluations of teachers in math

Strategic Plan alignment to FDOE K-20 plan:

The increase in teacher efficacy has a direct co-relation to an increase in student engagement as well closing math achievement gaps.

Focusing on increase in teacher efficacy aligns with the FDOE's vision of providing our students with 'an efficient world-class education system that engages and prepares all students to be globally competitive for college and careers.'

It also aligns with the strategic plan goals of 'Higher Student Achievement' and building a 'Skilled Workforce and Economic Development'.

Supporting Information:

The coaches will work closely with the district content specialist in planning and implementing professional learnings across the district.

The content specialist will participate in FDOE learning experiences including the B.E.S.T. Math calls and will disseminate information to the coaches in a timely manner.

BPS understands the urgency of investing in Math coaches which will set the tone for positive outcomes.

STEM Experiential Activities

Project Abstract:

This project will target James Madison Middle School in Titusville, and Palm Bay Magnet High School in Palm Bay. Both schools have STEM choice programs that have had limited success in impacting student achievement despite strong programming. In speaking with staff, students, and the overall community at each school; there is consensus that students need more handson activities that result in authentic project development. With this grant, BPS would launch **Make IT!** as a component of the STEM programs at James Madison Middle School and Palm Bay Magnet High School. Both schools have diverse student population with a high rate of Free and Reduced Lunch.

Project Design:

Make IT! will combine basic and advanced programming skills with production projects and community engagement to improve the experiences of the students in their STEM programs resulting in improved attendance and math and science grades.

Evaluation Plan

Madison Middle Schools' Innov8 STEAM Academy students and Palm Bay High's Engineering and Robotics students will serve as the project cohorts. Students in both programs will take a pre-test and post-test developed by our CTE department – based on the work from the International Technology and Engineering Educators Association. The cohort will also be measured for their improvement in attendance and math grades as compared to SY 22. Both cohorts of students will also have the opportunity to compete and succeed in local competitions (MS) and state and national competitions (HS). In SY 22 the target students at Madison had an average number of absences of 10.73 with an average math GPA of 2.45; the target students at Palm Bay had an average number of absences of 10.27 and an average math GPA of 2.48. The same metrics will be calculated at the end of each of the school years.

Project deliverables

Students will design and work with robots and participate in robotics competitions. Additionally, students at the high school level will participate in HUNCH, High School Students United with NASA to Create Hardware. They will produce authentic projects to be incorporated into NASA missions. Students will also engage with Virtual Reality platforms in Game Design and Simulation and the high school students will take a certification test in the field.

Project deliverables - Continued - Standards Alignment

Middle School Technology Education

54.0 Build, program, and configure a robot to perform predefined tasks

51.0 Demonstrate an understanding of basic programming concepts

09.01 Utilize the design process involving a set of steps, which can be performed in different sequences and repeated as needed.

09.02 Employ brainstorming as a group problem-solving design process in which each person in the group presents his or her ideas in an open forum.

09.03 Model, test, evaluate and modify designs to transform ideas into practical solutions.

45.03 Create a model of a design solution to an engineering problem.

High School Applied Engineering

20.01 Identify an engineering problem or product for improvement using engineering design methodology.

21.0 Demonstrate and apply computer-aided design (CAD) knowledge and skills.

31.0 Design and build a mechanically engineered solution suitable for a particular application in a defined environment.

19.01 Use a computer programming language to create code to accomplish a specific goal.

High School Applied Robotics

26.0 Create a program to control a robotic system.--The student will be able to:

27.0 Demonstrate an understanding of technologies for communication with and among robotic systems.--The student will be able to:

09.0 Build, program, and configure a robot to perform predefined tasks.--

State Strategic Plan Alignment

- 1.8 High School Graduation Rate Plus: Percent of high school graduates who have successfully completed one or more accelerated outcomes or earned an industry certification.
- 1.22 Improving the Engagement of Students: Percent of students chronically absent
- 2.5 Florida Post-Secondary Continuation Rate: Percentage of high school graduates who enroll in postsecondary education
- 3.4 Access in Computer Science for Middle School

FLORIDA DEPARTMENT OF EDUCATION BUDGET NARRATIVE FORM 101S

A) Name of Eligible Recipient/Fiscal Agent:	Brevard Public Schools 050
B) DOE Assigned Project Number:	xxx*1211R-2CR01
C) TAPS Number:	22A221

(1)	(2)	(3)	(4)	(5)	(6)	(7)
FUNCTION	OBJECT	Targeted Mathematics or STEM Experiential	Account Title and Narrative	FTE POSITION	AMOUNT	% Allocated to This Project
5100	120	Math	Math Coaches Salary SY23 8 @ avg salary of \$55,128.16 Math Coaches will work with teachers and administrators with implementing research-based math instructional practices to increase student achievement. Coaches will provide professional development opportunities for implementation of BEST Standards with a focus on vertical and horizontal progressions. Coaches will utilize progress monitoring tools to ensure students' needs are being met based on entry points.	8	\$ 441,025.28	100.00%
5100	210	Math	Math Coaches Retirement		\$ 52,500.33	100.00%
5100	220	Math	Math Coaches FICA		\$ 33,721.87	100.00%
5100	230	Math	Math Coaches Life Ins		\$ 370.28	100.00%
5100	230	Math	Math Coaches Medical		\$ 88,000.00	100.00%
5100	240	Math	Math Coaches WC		\$ 2,459.71	100.00%
5100	330	Math	Out of county travel for PD: 8 Instructional math coaches to attend the FLDOE standards training at the state selected hotel (max rate \$175) with standard mileage rate of .625 and the standard meal rates of breakfast @ \$6, lunch @ \$11, and dinner @ \$19		\$ 5,746.97	100.00%
5100	640	STEM	Equipment to include VR headsets, 3D Printers,computing technology, video equipment, and other related items		\$ 89,104.86	100.00%
7800	310	STEM	Travel- Transportation expenses to STEM competitions: 10 teams @ \$255 per team in fuel costs		\$ 2,550.00	100.00%
5900	330	STEM	Travel- Hotels for overnight STEM competitions: 7 rooms x 2 nights each @ \$175 per night		\$ 2,450.00	100.00%

5900	730	STEM	Registration Fees STEM Competitions: 10 teams @ \$100 each		\$ 1,000.00	100.00%
5100	510	STEM	Hands-On supplies to include solar car kits, ozobots, SD cards, drag cars, black lights, and other materials related to STEM activities		\$ 47,483.26	100.00%
7200	792	Math	Indirect costs @ 3.81%		\$ 26,604.89	100.00%
7200	792	STEM	Indirect costs @ 3.81%		\$ 6,081.10	100.00%
5900	390		Charter - Emma Jewel		\$ 4,110.16	100.00%
5900	390		Charter - Imagine Charter		\$ 6,272.15	100.00%
5900	390		Charter - Odyssey Charter		\$ 21,370.46	100.00%
5900	390		Charter - Odyssey Prep		\$ 5,001.09	100.00%
5900	390		Charter - Palm Bay Academy		\$ 4,181.44	100.00%
5900	390		Charter - Pinecrest Academy		\$ 7,341.27	100.00%
5900	390		Charter - Royal Palm		\$ 3,955.73	100.00%
5900	390		Charter - Sculptor		\$ 6,569.13	100.00%
		ļ		D) TOTAL	\$ 857,900.00	
	for each lin	ne item budget	TATION (Program and Grants Management) category has been evaluated and determined to be allowable, reaso 6.3475, Florida Statutes. Documentation is on file evidencing the m used and the conclusions reached.		FLORIDA DE EDUCA	

Project Performance Accountability Form

Program Name: Ta

Targeted Mathematics & STEM Experiential Activities Project # 22A221

Reporting Period (Dates)

11/22 - 09/24

Scope of Work Tasks/Activities	Deliverables (product or service)	Evidence (verification)	Due Date (completion)	Financial Consequences/ Unit Cost
Math 1.1	BPS will decrease the percentage of elementary	Master calendar of Instructional Coaches work at each of their assigned schools		
Training and Assignment of Instructional Coaches to ensure implementation of the BEST Math Standards elementary schools	students scoring below proficiency by 5 percentage points in SY 23	Pre/Post test data for students	30-Jun-23	\$ 5,746.97
		Training agendas for PD attended by coaches		
		Professional development participation records		
Math 1.2 Instructional Coach led mentoring and professional development at each assigned school	BPS will increase the amount of teacher professional development for each of the assigned schools.	Professional development materials / lesson plans used by coaches	30-Jun-23	\$ 618,077.47
		Participant exit surveys		
STEM 2.1	BPS will decrease the average number of	Student records of participation in STEM related extra- curricular programs		
Increase in opportunities for students to engage in hands-on STEM learning through new equipment, materials, and academic programming	absences at Madison and Palm by (10.73,10.27) to below 8 by the conclusion of SY 23 and increase the student's math grades from 2.45 and 2.48 to 2.75 with further improvements in SY 24	Attendance and academic performance records with pre/post test data for students	30-Jun-24	\$ 136,588.13
		Lesson plans with new STEM equipment and materials utilized, verifying alignment to FL State Academic Standards		
STEM 2.2 Competition experience in STEM programs	BPS will increase the participation of students in STEM program competitions	Student records of participation in STEM related extra- curricular program competitions	30-Jun-24	\$ 6,000.00
	1	Charter Pro	portional Share	\$ 58,801.44
			Indirect Cost	
			Total	\$ 857,900.00

DOE 900D May 2022

PROGRAMMATIC, FISCAL, AND REPORTING ASSURANCES The Applicant assures the following:

22A221 | Targeted Mathematics Grants and STEM Experiential Activities

The applicant use grant funds in accordance with the requirements of this RFA. The purpose of the Benchmarks for Excellent Student Thinking (B.E.S.T.) Targeted Mathematics Grants and STEM Experiential Activities project is to support mathematics acceleration with a focus on closing the achievement gap and mitigating the impacts of learning loss in math content while also providing experiential activities, aligned to the expectations of Florida's state academic standards, for students in an effort to help STEM topics become more applicable, understandable, and tangible for students.

I certify that in accordance with the requirements of this funding, my LEA will:

- 1. The Applicant will comply with all reporting requirements and submit required reports to the Florida Department of Education at such time and in such manner and containing such information as the department may subsequently require.
- 2. The Applicant will cooperate with any examination of records with respect to such funds by making records available for inspection, production, and examination, and authorized individuals available for interview and examination, upon the request of (i) the Florida Department of Education, the Florida Auditor General; (ii) the Department and/or its Inspector General; or (iii) any other federal or state agency, commission, or department in the lawful exercise of its jurisdiction and authority.
- 3. At the conclusion of the program, the Applicant will report the strategies implemented to support mathematics proficiency, STEM experiential activities conducted, the number of students receiving or benefiting from these supports, and students' growth based on progress monitoring data.
- 4. Provide a proportional allocation based on total FTE enrollment to each charter school in the district, collect charter school assurances from charter schools accepting funds, and make charter school assurances available to the Florida Department of Education.

Mark W. Mullins, Ed.D

Printed Name of Superintendent

Brevard

District

Applicant's Superintendent or Authorized Representative:

Signature: EDUA	Date: 12/1/22

PROGRAMMATIC, FISCAL, AND REPORTING ASSURANCES The Applicant assures the following:

22A221 | Targeted Mathematics Grants and STEM Experiential Activities

The applicant use grant funds in accordance with the requirements of this RFA. The purpose of the Benchmarks for Excellent Student Thinking (B.E.S.T.) Targeted Mathematics Grants and STEM Experiential Activities project is to support mathematics acceleration with a focus on closing the achievement gap and mitigating the impacts of learning loss in math content while also providing experiential activities, aligned to the expectations of Florida's state academic standards, for students in an effort to help STEM topics become more applicable, understandable, and tangible for students.

I certify that in accordance with the requirements of this funding my charter school will:

- 1. The Applicant will comply with all reporting requirements and submit required reports to the Florida Department of Education at such time and in such manner and containing such information as the department may subsequently require.
- 2. The Applicant will cooperate with any examination of records with respect to such funds by making records available for inspection, production, and examination, and authorized individuals available for interview and examination, upon the request of (i) the Florida Department of Education, the Florida Auditor General; (ii) the Department and/or its Inspector General; or (iii) any other federal or state agency, commission, or department in the lawful exercise of its jurisdiction and authority.
- 3. At the conclusion of the program, the Applicant will report the strategies implemented to support mathematics proficiency, STEM experiential activities conducted, the number of students receiving or benefiting from these supports, and students' growth based on progress monitoring data.
- 4. Submit this charter school assurance to the host district.

Thomas Cole Printed Name and Role of Chief Executive Officer or Authorized Representative

Emma Jewel Charter Charter School Name

Brevard

Signature:	Date:
5 homes are	12/02/22

PROGRAMMATIC, FISCAL, AND REPORTING ASSURANCES The Applicant assures the following:

22A221 | Targeted Mathematics Grants and STEM Experiential Activities

The applicant use grant funds in accordance with the requirements of this RFA. The purpose of the Benchmarks for Excellent Student Thinking (B.E.S.T.) Targeted Mathematics Grants and STEM Experiential Activities project is to support mathematics acceleration with a focus on closing the achievement gap and mitigating the impacts of learning loss in math content while also providing experiential activities, aligned to the expectations of Florida's state academic standards, for students in an effort to help STEM topics become more applicable, understandable, and tangible for students.

I certify that in accordance with the requirements of this funding my charter school will:

- 1. The Applicant will comply with all reporting requirements and submit required reports to the Florida Department of Education at such time and in such manner and containing such information as the department may subsequently require.
- 2. The Applicant will cooperate with any examination of records with respect to such funds by making records available for inspection, production, and examination, and authorized individuals available for interview and examination, upon the request of (i) the Florida Department of Education, the Florida Auditor General; (ii) the Department and/or its Inspector General; or (iii) any other federal or state agency, commission, or department in the lawful exercise of its jurisdiction and authority.
- 3. At the conclusion of the program, the Applicant will report the strategies implemented to support mathematics proficiency, STEM experiential activities conducted, the number of students receiving or benefiting from these supports, and students' growth based on progress monitoring data.
- 4. Submit this charter school assurance to the host district.

Brian DeGonzague, Principal

Printed Name and Role of Chief Executive Officer or Authorized Representative

Imagine Schools at West Melbourne Charter School Name

Brevard County Public Schools District

Signature:	Date:
(SP)	12/2/2022

PROGRAMMATIC, FISCAL, AND REPORTING ASSURANCES The Applicant assures the following:

22A221 | Targeted Mathematics Grants and STEM Experiential Activities

The applicant use grant funds in accordance with the requirements of this RFA. The purpose of the Benchmarks for Excellent Student Thinking (B.E.S.T.) Targeted Mathematics Grants and STEM Experiential Activities project is to support mathematics acceleration with a focus on closing the achievement gap and mitigating the impacts of learning loss in math content while also providing experiential activities, aligned to the expectations of Florida's state academic standards, for students in an effort to help STEM topics become more applicable, understandable, and tangible for students.

I certify that in accordance with the requirements of this funding my charter school will:

- 1. The Applicant will comply with all reporting requirements and submit required reports to the Florida Department of Education at such time and in such manner and containing such information as the department may subsequently require.
- 2. The Applicant will cooperate with any examination of records with respect to such funds by making records available for inspection, production, and examination, and authorized individuals available for interview and examination, upon the request of (i) the Florida Department of Education, the Florida Auditor General; (ii) the Department and/or its Inspector General; or (iii) any other federal or state agency, commission, or department in the lawful exercise of its jurisdiction and authority.
- 3. At the conclusion of the program, the Applicant will report the strategies implemented to support mathematics proficiency, STEM experiential activities conducted, the number of students receiving or benefiting from these supports, and students' growth based on progress monitoring data.
- 4. Submit this charter school assurance to the host district.

Printed Name and Role of Chief Executive Officer or Authorized Representative

chool-6507

Signature: Date: Wendim Moldy 9. 13/2022 4

PROGRAMMATIC, FISCAL, AND REPORTING ASSURANCES The Applicant assures the following:

22A221 | Targeted Mathematics Grants and STEM Experiential Activities

The applicant use grant funds in accordance with the requirements of this RFA. The purpose of the Benchmarks for Excellent Student Thinking (B.E.S.T.) Targeted Mathematics Grants and STEM Experiential Activities project is to support mathematics acceleration with a focus on closing the achievement gap and mitigating the impacts of learning loss in math content while also providing experiential activities, aligned to the expectations of Florida's state academic standards, for students in an effort to help STEM topics become more applicable, understandable, and tangible for students.

I certify that in accordance with the requirements of this funding my charter school will:

- 1. The Applicant will comply with all reporting requirements and submit required reports to the Florida Department of Education at such time and in such manner and containing such information as the department may subsequently require.
- 2. The Applicant will cooperate with any examination of records with respect to such funds by making records available for inspection, production, and examination, and authorized individuals available for interview and examination, upon the request of (i) the Florida Department of Education, the Florida Auditor General; (ii) the Department and/or its Inspector General; or (iii) any other federal or state agency, commission, or department in the lawful exercise of its jurisdiction and authority.
- 3. At the conclusion of the program, the Applicant will report the strategies implemented to support mathematics proficiency, STEM experiential activities conducted, the number of students receiving or benefiting from these supports, and students' growth based on progress monitoring data.
- 4. Submit this charter school assurance to the host district.

Shelly M Miedona Printed Name and Role of Chief Executive Officer or Authorized Representative

aratory Academy

RVaro

Signature: Date: 4/13/2022 Shells MM Lechna

PROGRAMMATIC, FISCAL, AND REPORTING ASSURANCES The Applicant assures the following:

22A221 | Targeted Mathematics Grants and STEM Experiential Activities

The applicant use grant funds in accordance with the requirements of this RFA. The purpose of the Benchmarks for Excellent Student Thinking (B.E.S.T.) Targeted Mathematics Grants and STEM Experiential Activities project is to support mathematics acceleration with a focus on closing the achievement gap and mitigating the impacts of learning loss in math content while also providing experiential activities, aligned to the expectations of Florida's state academic standards, for students in an effort to help STEM topics become more applicable, understandable, and tangible for students.

I certify that in accordance with the requirements of this funding my charter school will:

- 1. The Applicant will comply with all reporting requirements and submit required reports to the Florida Department of Education at such time and in such manner and containing such information as the department may subsequently require.
- 2. The Applicant will cooperate with any examination of records with respect to such funds by making records available for inspection, production, and examination, and authorized individuals available for interview and examination, upon the request of (i) the Florida Department of Education, the Florida Auditor General; (ii) the Department and/or its Inspector General; or (iii) any other federal or state agency, commission, or department in the lawful exercise of its jurisdiction and authority.
- 3. At the conclusion of the program, the Applicant will report the strategies implemented to support mathematics proficiency, STEM experiential activities conducted, the number of students receiving or benefiting from these supports, and students' growth based on progress monitoring data.
- 4. Submit this charter school assurance to the host district.

Printed Name and Role of Chief Executive Officer or Authorized

Representative

Charter School Name

Signature: Date: nn

PROGRAMMATIC, FISCAL, AND REPORTING ASSURANCES The Applicant assures the following:

22A221 | Targeted Mathematics Grants and STEM Experiential Activities

The applicant use grant funds in accordance with the requirements of this RFA. The purpose of the Benchmarks for Excellent Student Thinking (B.E.S.T.) Targeted Mathematics Grants and STEM Experiential Activities project is to support mathematics acceleration with a focus on closing the achievement gap and mitigating the impacts of learning loss in math content while also providing experiential activities, aligned to the expectations of Florida's state academic standards, for students in an effort to help STEM topics become more applicable, understandable, and tangible for students.

I certify that in accordance with the requirements of this funding my charter school will:

- 1. The Applicant will comply with all reporting requirements and submit required reports to the Florida Department of Education at such time and in such manner and containing such information as the department may subsequently require.
- 2. The Applicant will cooperate with any examination of records with respect to such funds by making records available for inspection, production, and examination, and authorized individuals available for interview and examination, upon the request of (i) the Florida Department of Education, the Florida Auditor General; (ii) the Department and/or its Inspector General; or (iii) any other federal or state agency, commission, or department in the lawful exercise of its jurisdiction and authority.
- 3. At the conclusion of the program, the Applicant will report the strategies implemented to support mathematics proficiency, STEM experiential activities conducted, the number of students receiving or benefiting from these supports, and students' growth based on progress monitoring data.
- 4. Submit this charter school assurance to the host district.

Sylvia Mijustonic Printed Name and Role of Chief Executive Officer or Authorized Representative

Charter School Name

Brevard

District

Signature: Date: ijnshow 12-6-22

PROGRAMMATIC, FISCAL, AND REPORTING ASSURANCES The Applicant assures the following:

22A221 | Targeted Mathematics Grants and STEM Experiential Activities

The applicant use grant funds in accordance with the requirements of this RFA. The purpose of the Benchmarks for Excellent Student Thinking (B.E.S.T.) Targeted Mathematics Grants and STEM Experiential Activities project is to support mathematics acceleration with a focus on closing the achievement gap and mitigating the impacts of learning loss in math content while also providing experiential activities, aligned to the expectations of Florida's state academic standards, for students in an effort to help STEM topics become more applicable, understandable, and tangible for students.

I certify that in accordance with the requirements of this funding my charter school will:

- 1. The Applicant will comply with all reporting requirements and submit required reports to the Florida Department of Education at such time and in such manner and containing such information as the department may subsequently require.
- 2. The Applicant will cooperate with any examination of records with respect to such funds by making records available for inspection, production, and examination, and authorized individuals available for interview and examination, upon the request of (i) the Florida Department of Education, the Florida Auditor General; (ii) the Department and/or its Inspector General; or (iii) any other federal or state agency, commission, or department in the lawful exercise of its jurisdiction and authority.
- 3. At the conclusion of the program, the Applicant will report the strategies implemented to support mathematics proficiency, STEM experiential activities conducted, the number of students receiving or benefiting from these supports, and students' growth based on progress monitoring data.
- 4. Submit this charter school assurance to the host district.

Shannon Suber Principal

Printed Name and Role of Chief Executive Officer or Authorized Representative

Royal Pain Chate

Charter School Name

evald

District

Signature Date: Shannon Sile 12/6/22

PROGRAMMATIC, FISCAL, AND REPORTING ASSURANCES The Applicant assures the following:

22A221 | Targeted Mathematics Grants and STEM Experiential Activities

The applicant use grant funds in accordance with the requirements of this RFA. The purpose of the Benchmarks for Excellent Student Thinking (B.E.S.T.) Targeted Mathematics Grants and STEM Experiential Activities project is to support mathematics acceleration with a focus on closing the achievement gap and mitigating the impacts of learning loss in math content while also providing experiential activities, aligned to the expectations of Florida's state academic standards, for students in an effort to help STEM topics become more applicable, understandable, and tangible for students.

I certify that in accordance with the requirements of this funding my charter school will:

- 1. The Applicant will comply with all reporting requirements and submit required reports to the Florida Department of Education at such time and in such manner and containing such information as the department may subsequently require.
- 2. The Applicant will cooperate with any examination of records with respect to such funds by making records available for inspection, production, and examination, and authorized individuals available for interview and examination, upon the request of (i) the Florida Department of Education, the Florida Auditor General; (ii) the Department and/or its Inspector General; or (iii) any other federal or state agency, commission, or department in the lawful exercise of its jurisdiction and authority.
- 3. At the conclusion of the program, the Applicant will report the strategies implemented to support mathematics proficiency, STEM experiential activities conducted, the number of students receiving or benefiting from these supports, and students' growth based on progress monitoring data.
- 4. Submit this charter school assurance to the host district.

Printed Name and Role of Chief Executive Officer or Authorized Representative

Date: Denkan