

Coding and Mobile App Development Grant

PREPARING OUR FUTURE WORKERS.



Grant Application

Application Deadline: September 26, 2022

Program Implementation: 2022–2023 SY

Application Submission to: Amy.Betsill@dpi.nc.gov



Program Purpose

The Coding and Mobile Grant program began in 2017. In the initial year, State Superintendent Mark Johnson awarded \$400,000 in grants to 15 district and charter schools. The General Assembly made another \$800,000 available for the 2021-2022 school year and again in the 2022-2023 (pending budget certification). The purpose of the program is to provide opportunities for North Carolina students to learn computer science, coding and mobile app development to help them gain the skills needed to: (1) create and contribute, not just use and consume, in the digital economy; and (2) actively engage as informed citizens in our complex, technology-driven world.

Through public-private partnerships with LEAs and charter schools, industry, and community leaders, this grant program is designed to help build local capacity and curricular programs through 1) professional development for teachers and administrators, 2) development of locally-relevant digital computer science curriculum that are part of K-Career Pathways for students, and 3) engagement of industry professionals to ensure a partnership that supports connections between local school curriculum, future career opportunities for students, and industry demand.

Programs are to be implemented during the year following a grant award, with all expenditures completed by June 15.

Timeline

Activity	Date
Coding and Mobile App Development Grant Question and Answer	Please see the linked frequently asked question document. Additional inquiries can be submitted to Amy.Betsill@dpi.nc.gov . All responses will be added to this living FAQ document.
Grant Application Deadline	September 26, 2022
Grant Recipients Selected (Pending Funds Available)	October 3, 2022
Grant Program Recipient Reporting	August 1, 2023
NC Department of Public Instruction Reporting to the Joint Legislative Education Oversight Committee and the Fiscal Research Division	September 15, 2023

Permissible Uses of Program Funds

Program funds awards shall be used for the below listed purchases.

1. Support for partnership activities such as development meetings, workplace experiences, mentoring, etc., and include costs associated with travel and substitute teachers.
2. Professional development for teachers and administrators and related capacity building activities.
3. Stipends for teachers participating in professional development and/or creating curriculum resources to support the initiative.
4. Digital resources and equipment (Suggested maximum budget is 25% of the awarded grant)
5. Administrative costs (not to exceed 5% of the awarded grant)

Eligible Recipients

Eligible Recipients are local school administrative units and charter schools. Past recipients may reapply. NCDPI may consider partial grant awards to local school administrative units and charter schools.

Required Reporting

Grant recipients are required to submit a report that includes the information listed below:

1. Overall impact of the program
2. The use of grant funds
3. The number of students by grade level participating in the partnership initiative, including but not limited to:
 - a. Enrolled in computer science related courses before and after the initiative
 - b. Enrolled in courses that have added computer science related activities to the course
 - c. Attended computer science related after school activities before and after the initiative
 - d. Engaged in industry partner activities beyond schools before and after the initiative
4. The number of teachers participating in the partnership initiative, including but not limited to:
 - a. Taught computer science related courses
 - b. Added computer science related activities to their course
 - c. Hosted computer science related after school activities
 - d. Engaged in industry partner activities beyond schools
5. The number of computer science courses or computer science related activities offered as a result of grant funding
6. Alignment of initiative activities with other middle or high school courses and programs.

Program Criteria and Guidelines

Applications will be scored on a 100-point scale based on the below listed required information as narrative or figures to be submitted as part of the application. The application, (one file) shall include a cover sheet, narratives (include the title of the identified information), proposed budget, and assurance page as PDF documents, including minimum of 12-point font size, one-inch margins (all sides), and narratives double spaced. The application file naming nomenclature is **CaMADG School System or School Name**.

Information: Cover Sheet, Narratives, Proposed Budget, and Assurance Page Required	Page(s)
1. Cover Sheet (Provided)	1
2. Narrative-Description of Curricular Program: Up to 9 Points	
A description of how the proposed initiative will support curriculum development, professional development for new computer science courses and related activities, and capacity building for teachers and administrators that will help students learn computer science, coding and mobile app development to help them gain the skills needed to: (1) create and contribute, not just use and consume, in the digital economy; and (2) actively engage as informed citizens in our complex, technology-driven world.	1
3. Narrative-Impact of Proposed Partnership: Up to 16 Points	
A description of how the proposed partnership initiative will create public-private partnerships among LEAs and charter schools, industry, and community leaders by providing increased career opportunities for students by engaging in high-wage, high-skill, and high-demand occupations. Also, include the anticipated size of the student population to be impacted.	1
4. Narrative-Demonstrated Evidence: Up to 21 Points	
Demonstrated evidence of employer demand for the partnership initiative and related career and technical education (CTE) training, including documentation of industry involvement in the partnership initiative.	1
5. Narrative-Program Alignment: Up to 21 Points	
A description of how the proposed initiative aligns with other existing or future programs, including CTE, Career and College Pathways, and postsecondary programs and, if appropriate, how equipment necessary for the initiative will be utilized by partners.	1-2
6. Narrative-Relevance to High Demand Jobs: Up to 21 Points	
A description of how the project will create innovative, nontraditional, and immediate career pathways for students to enter high demand jobs in the areas such as development of mobile software applications, information technology, cyber security, computer programming, or artificial intelligence.	1-2
7. Action Plan (Template Provided)	1
8. Proposed Budget (Template Provided): Up to 12 Points	
A proposed budget for the partnership initiative, including demonstrated commitment of local or regional partners to sustain the programs beyond the initial grant funding. The proposed budget shall include a detailed document of how proposed grant funding will be distributed. The suggested maximum proposed budget is \$80,000 per grant application.	1
9. Assurance Page (Provided)	1

Required Application Materials

Completed applications must include the below listed materials and be submitted by 5:00 p.m. on deadline via email to Amy.Betsill@dpi.nc.gov .

Application Materials	
<input type="checkbox"/> Cover Sheet	
<input type="checkbox"/> Narratives	<input type="checkbox"/> Description of Curricular Program <input type="checkbox"/> Impact of Proposed Partnership <input type="checkbox"/> Demonstrated Evidence <input type="checkbox"/> Program Alignment <input type="checkbox"/> Relevance to High Demand Jobs
<input type="checkbox"/> Action Plan	
<input type="checkbox"/> Proposed Budget	
<input type="checkbox"/> Assurance Page (Signed by Partners) The partners must also be included on the cover page.	

Questions or Additional Information

Please submit questions to Amy Betsill Bain by email at Amy.Betsill@dpi.nc.gov

Cover Sheet

Date of Application:	
Primary Contact Person Name:	Primary Contact Person Title:
School District(s) Name:	Charter School or School(s) Name(s):
Charter School, Primary School, or School System Address:	Area Code and Telephone Number of Primary Contact Person:
Email Address of Primary Contact Person:	State Board Region:
Charter School or School District Superintendent Name:	Charter School or School District Superintendent Email Address:
Partner Name, Title, Business, and Contact Information:	Partner Name, Title, Business, and Contact Information:

Action Plan

Activity	Partner(s) Responsible	Grant Fund Resource(s) Needed	Timeline

Proposed Budget Template

Fund Category	Amount	Rationale for Proposed Purchase
Support for partnership activities such as development meetings, workplace experiences, mentoring, etc., and include costs associated with travel and substitute teachers (List)		
Professional development and related capacity building activities (List)		
Stipends for teachers participating in professional development and/or creating curriculum resources to support the initiative (List)		
Digital resources and equipment (Suggested maximum budget is 25% of the awarded grant) (List)		
Administrative cost, up to five percent (5%) (List)		
Other (List)		
TOTAL		

Assurance Page

The partners agree to the below listed activities.

- Provide administrative supervision and support to foster success of the program.
- Work cooperatively with North Carolina Department of Public Instruction and grant partners in monitoring and evaluating the program to meet reporting requirements.
- Provide personnel, time, and other resources to develop and implement curricular program.
- Ascertain that members of the partnership follow applicable federal and state laws to promote equal opportunity for all participants without regard to race, color, religion, gender, age, disability, political affiliation, or national origin.
- Attest that all funds will be used to develop and implement curricula program described in the application and approved.
- Establish fiscal control and accounting procedures for proper disbursement of and accounting program funds.

Primary Contact Signature

Date

Charter School Leader or
School District Superintendent Signature

Date

Partner Signature

Date

Partner Signature

Date